



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

## Monday, May 19, 2025

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Southern Region



# Summary

- **Severe Storms:** Enhanced to moderate risk (levels 3-4 of 5) across **N TX, OK, NW AR** today. Tuesday, slight risk (level 2 of 5) over **E AR, NE LA** as storms shift eastward.
- **Flash Flooding:** Slight to moderate risk (levels 2-3 of 4) today over **E OK, N AR, N TX**. Marginal risk (level 1 of 4) Tuesday over **NE AR**.
- **Extreme heat continues across S/SW Texas through Wednesday** with temps feeling up to **115 degrees**. Tuesday will be the warmest.
- **Elevated to critical (levels 1-2 of 3) fire weather conditions for NM, Far W TX today.**
- **Minor with isolated moderate river flooding in S/E AR, E TX, and LA through the week.**





# FEMA Region 6 Threat Matrix

Next 7 days

	Monday, May 19	Tuesday, May 20	Wednesday, May 21	Thursday, May 22	Friday, May 23	Saturday, May 24	Sunday, May 25
Severe Storms	C/E OK, NW AR	E AR, NE LA					
	C/E OK, NTX, NW AR						
Heavy Rain / Flash Flooding	N AR	NE AR					
	E OK, N AR						
Fire Weather	S NM, Far WTX						
Heat	S/SW TX	S S/SW TX	STX				
River Flooding	S/E AR, ETX, LA	S/E AR, ETX, LA	S/E AR, ETX, LA	S AR, ETX, LA	S AR, ETX, LA	S AR, ETX, LA	S AR, ETX, LA

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
-------------	----------------	-------	----------	-------	---------

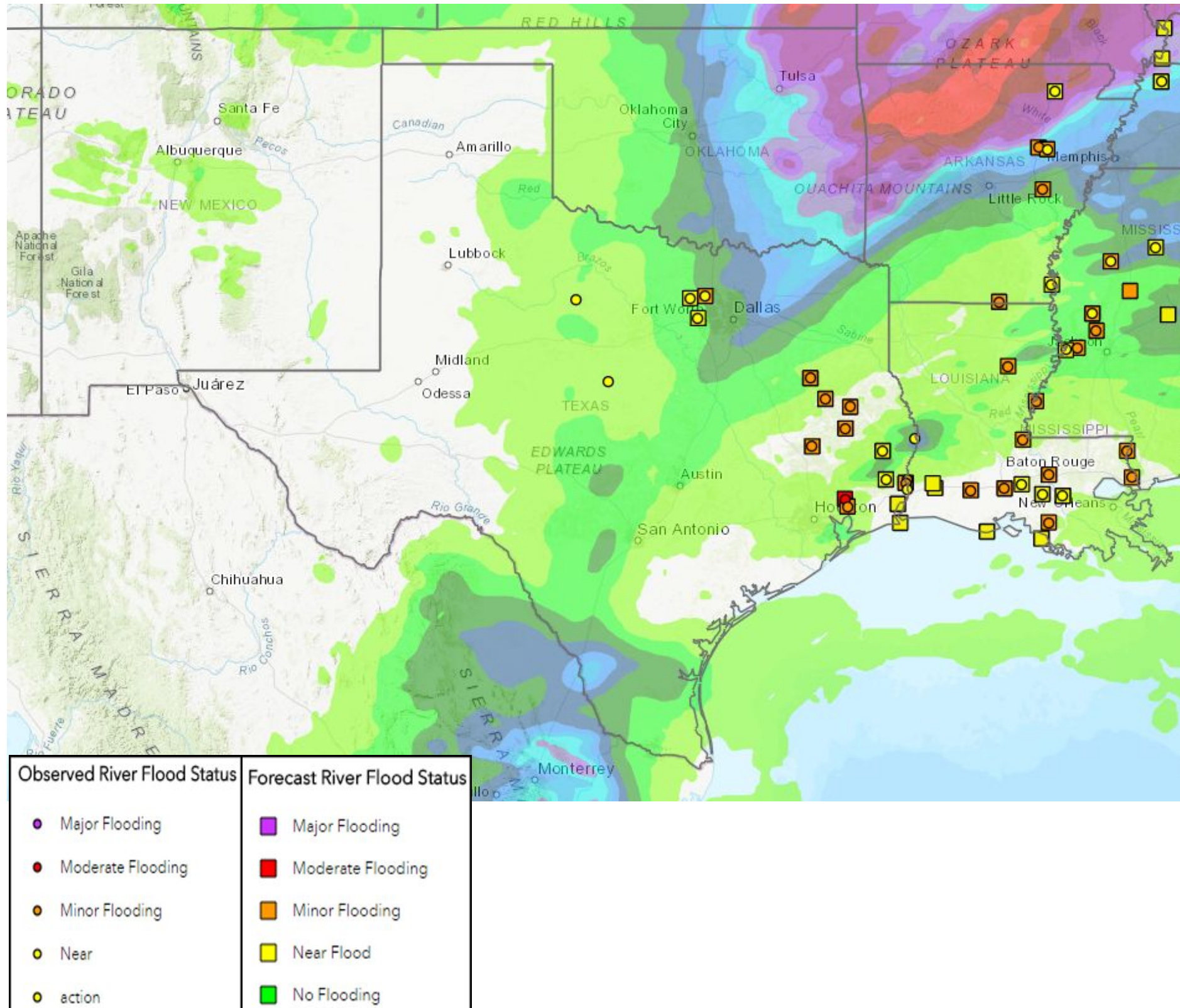






# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor with isolated moderate river flooding across S/E AR, E TX, and LA will impact croplands and secondary roads. Moderate flooding on Trinity River at Liberty forecast to drop back to minor Tuesday evening.**

*Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.*

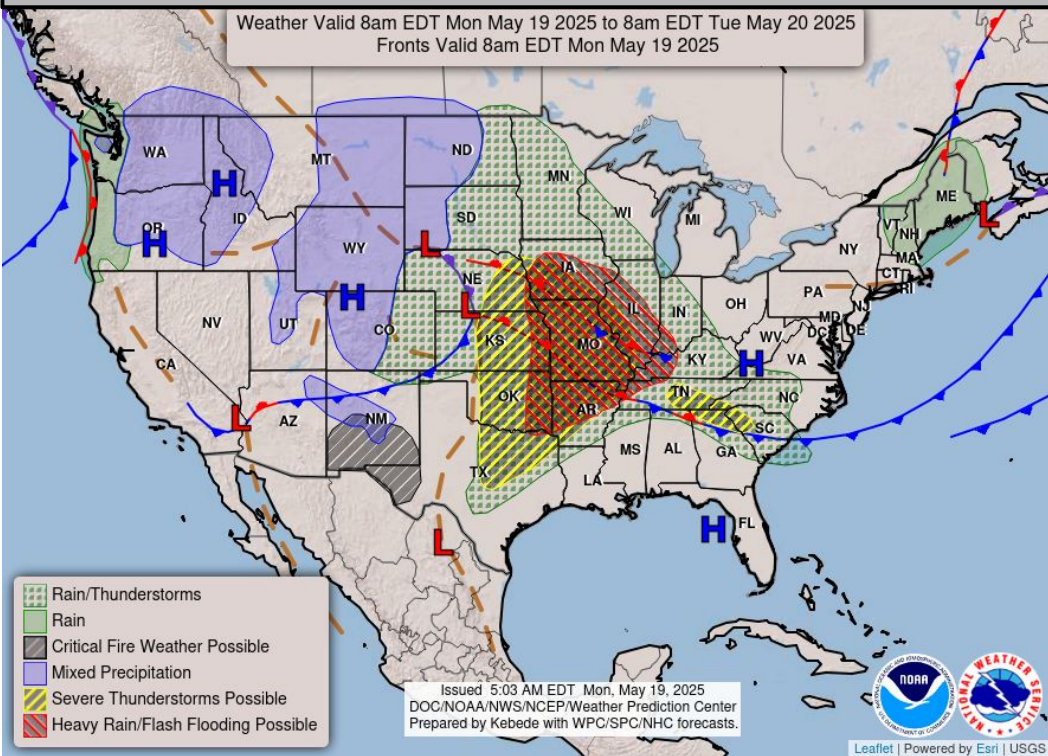




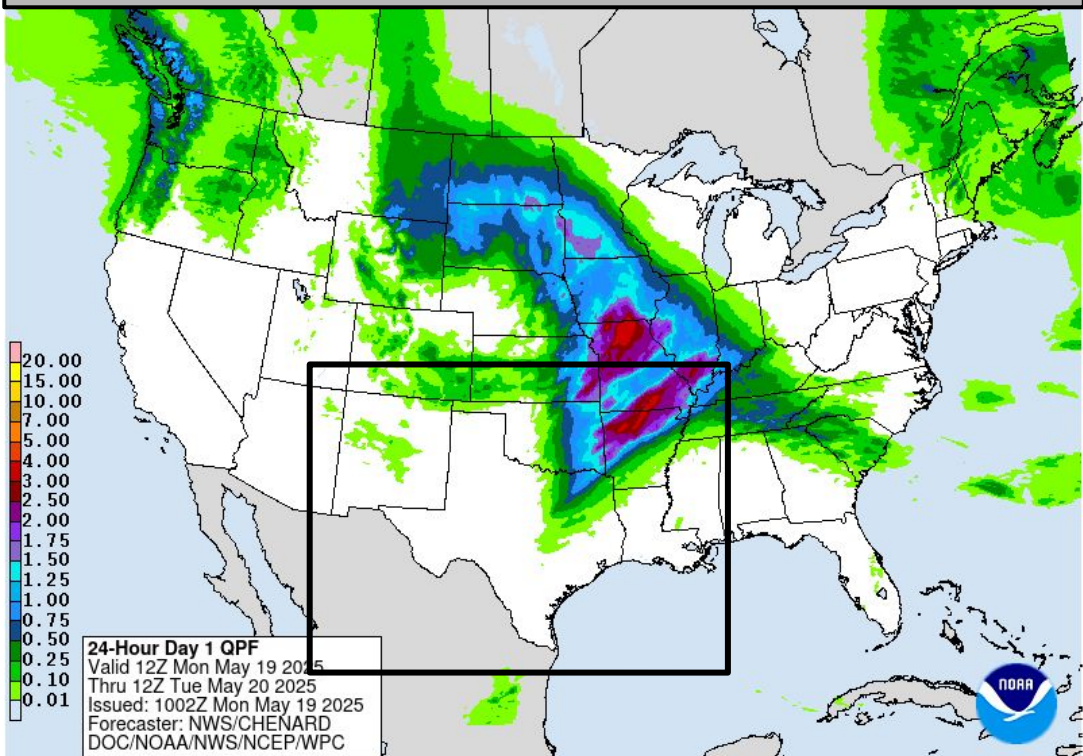


# Today's Weather

## Forecast Chart



## Forecast Rainfall



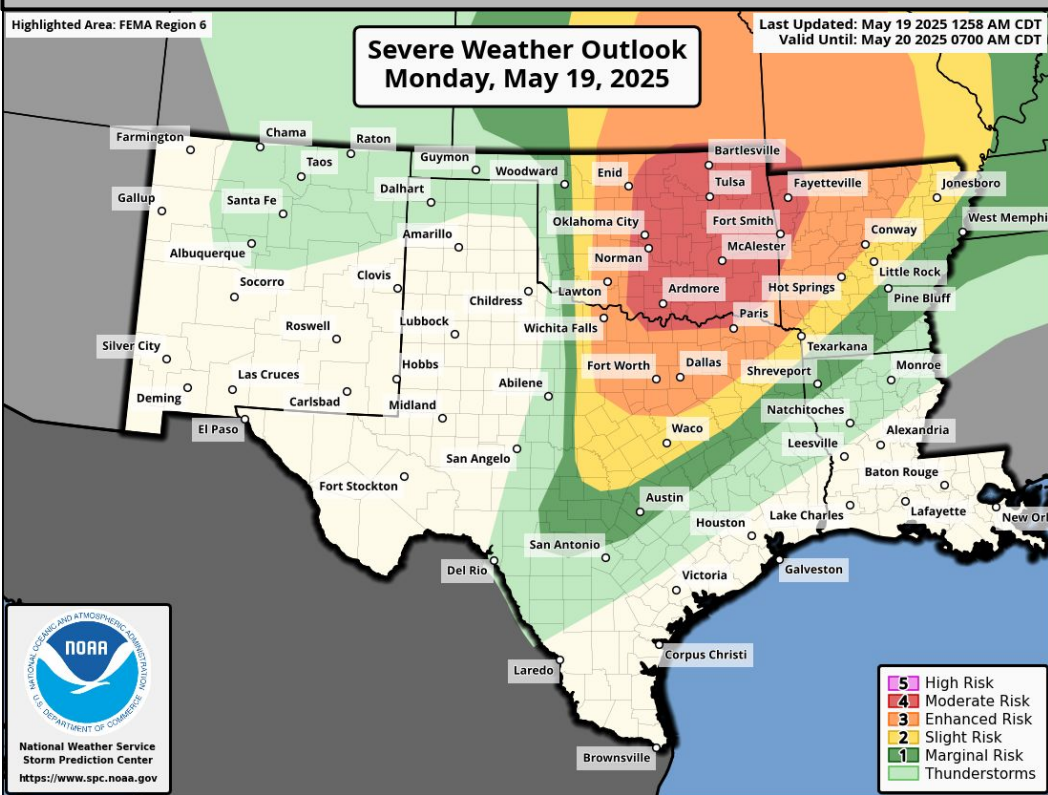
Enhanced to moderate risk (levels 3-4 of 5) for severe storms over C/E OK, NW AR, N TX. Threat in OK for strong EF2+ tornadoes. Tornado Timing: 1pm-2am.

Slight to moderate risk (levels 2-3 of 4) for flash flooding in E OK, AR, N TX.

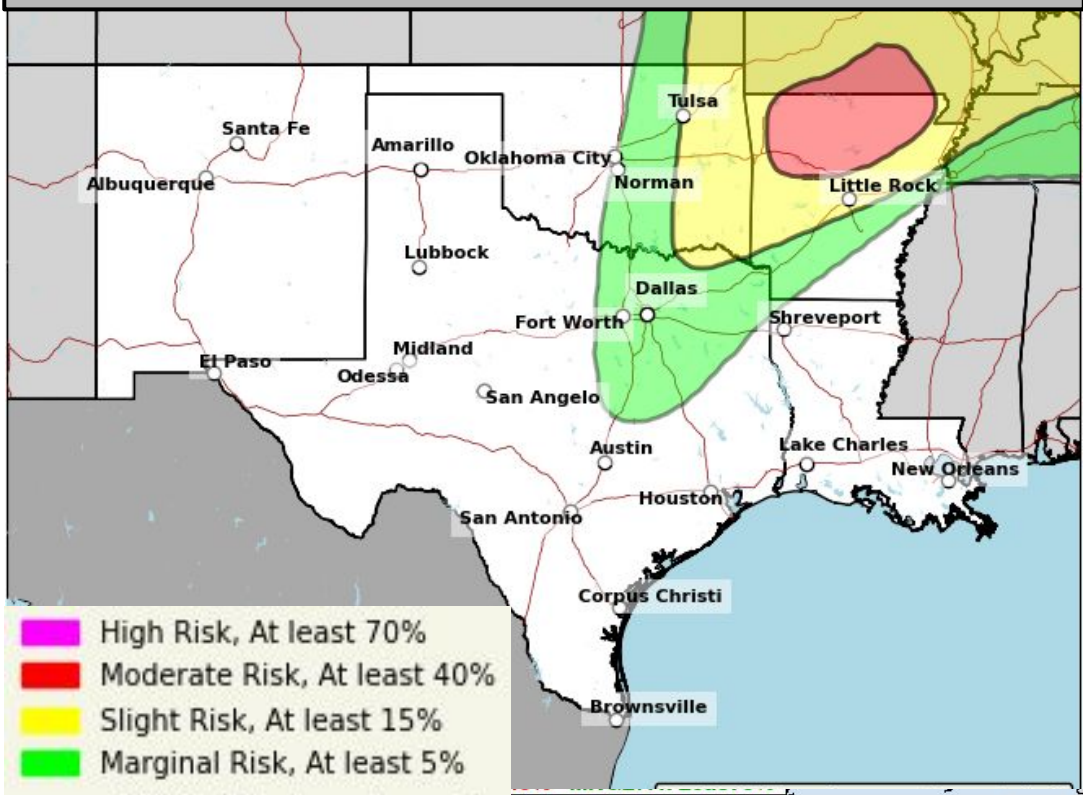
Temperatures exceeding 100 degrees in S TX.

Elevated to critical (levels 1-2 of 3) fire weather concerns for S NM, Far W TX.

## Severe Weather Outlook



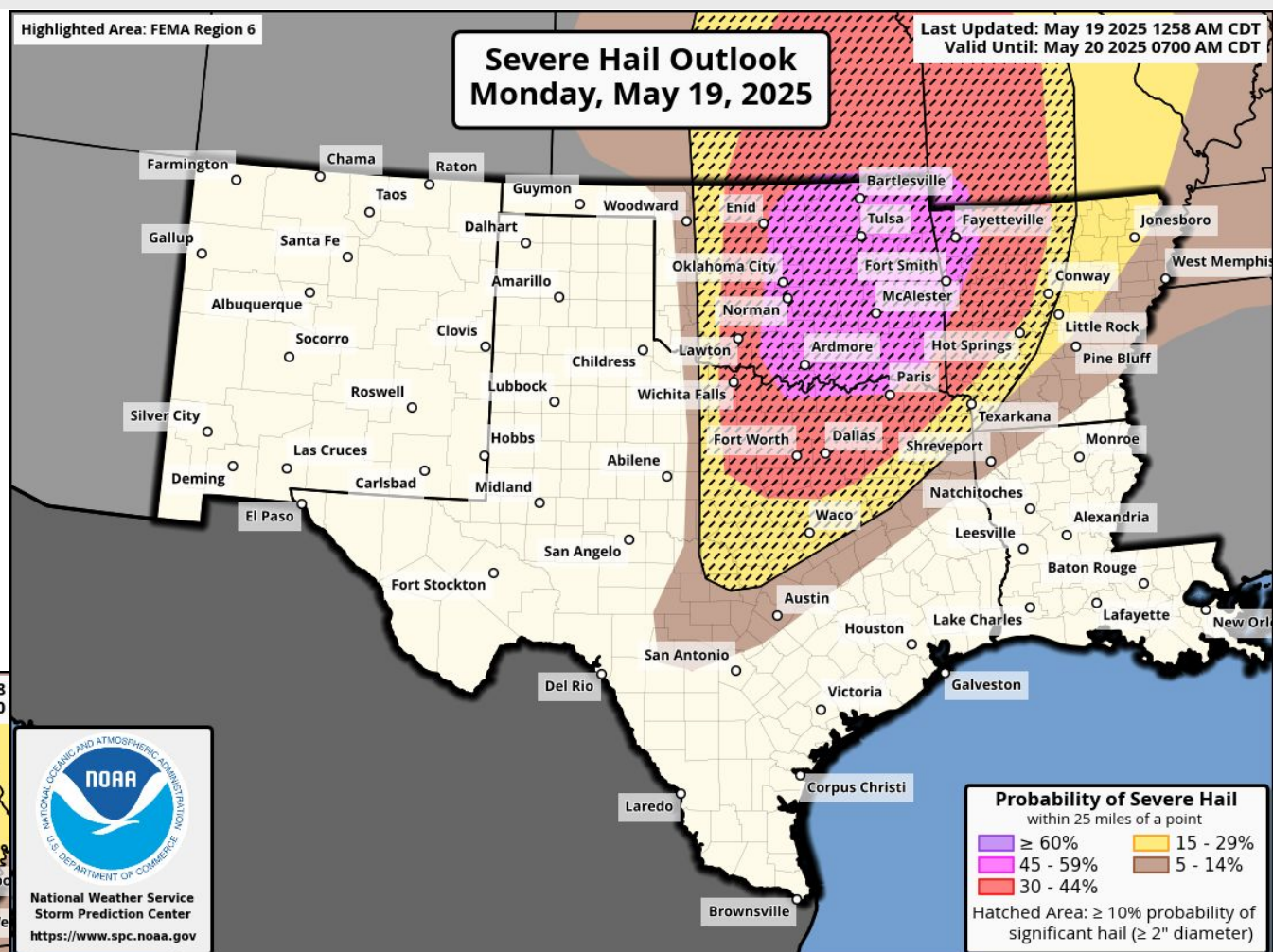
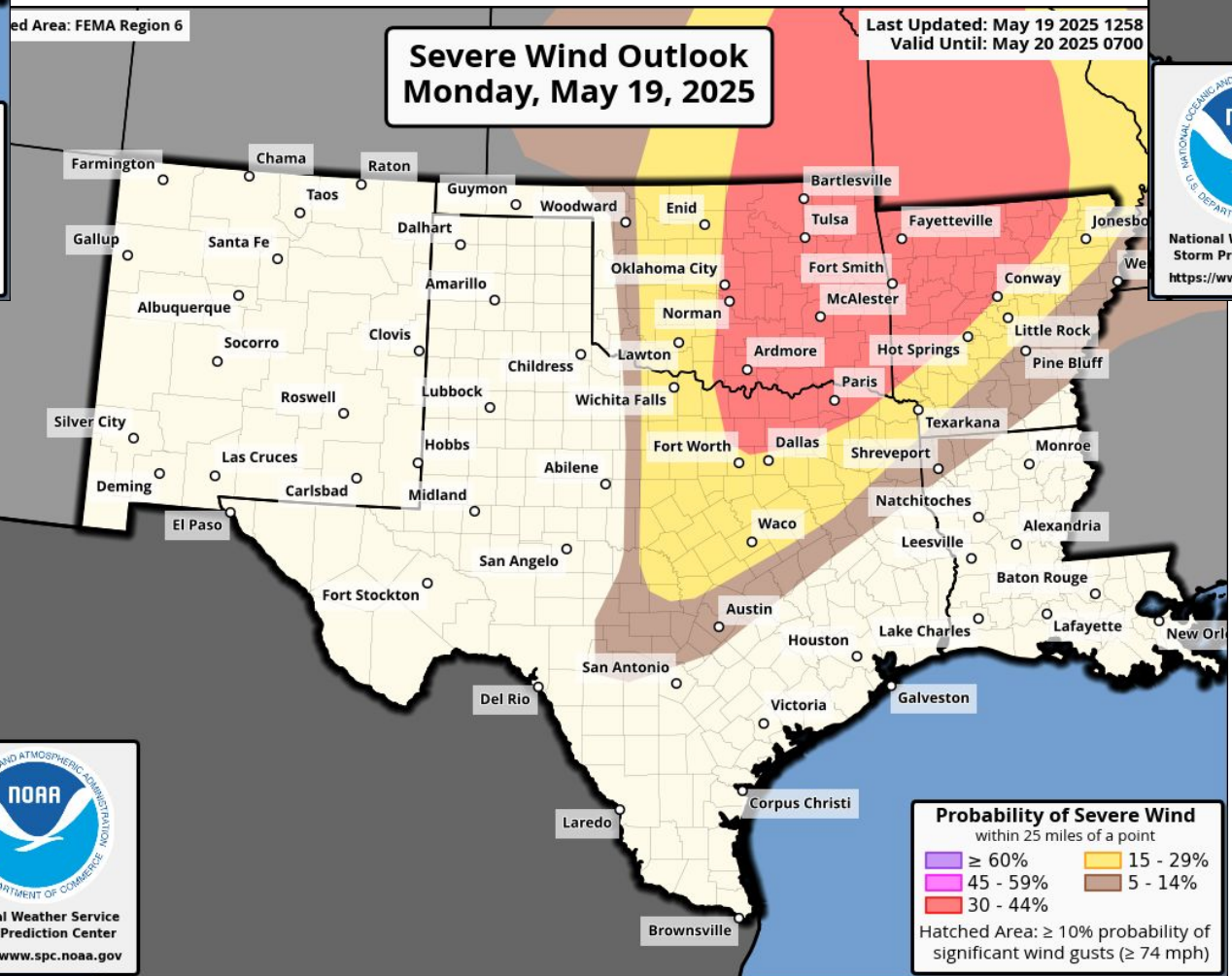
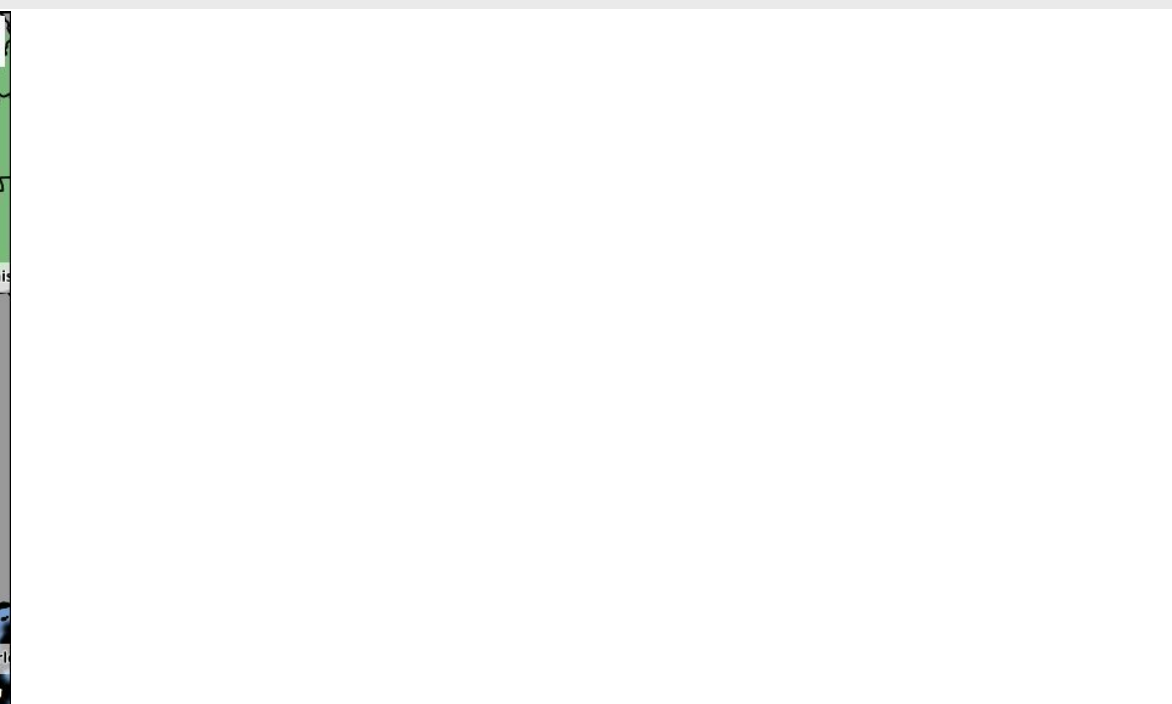
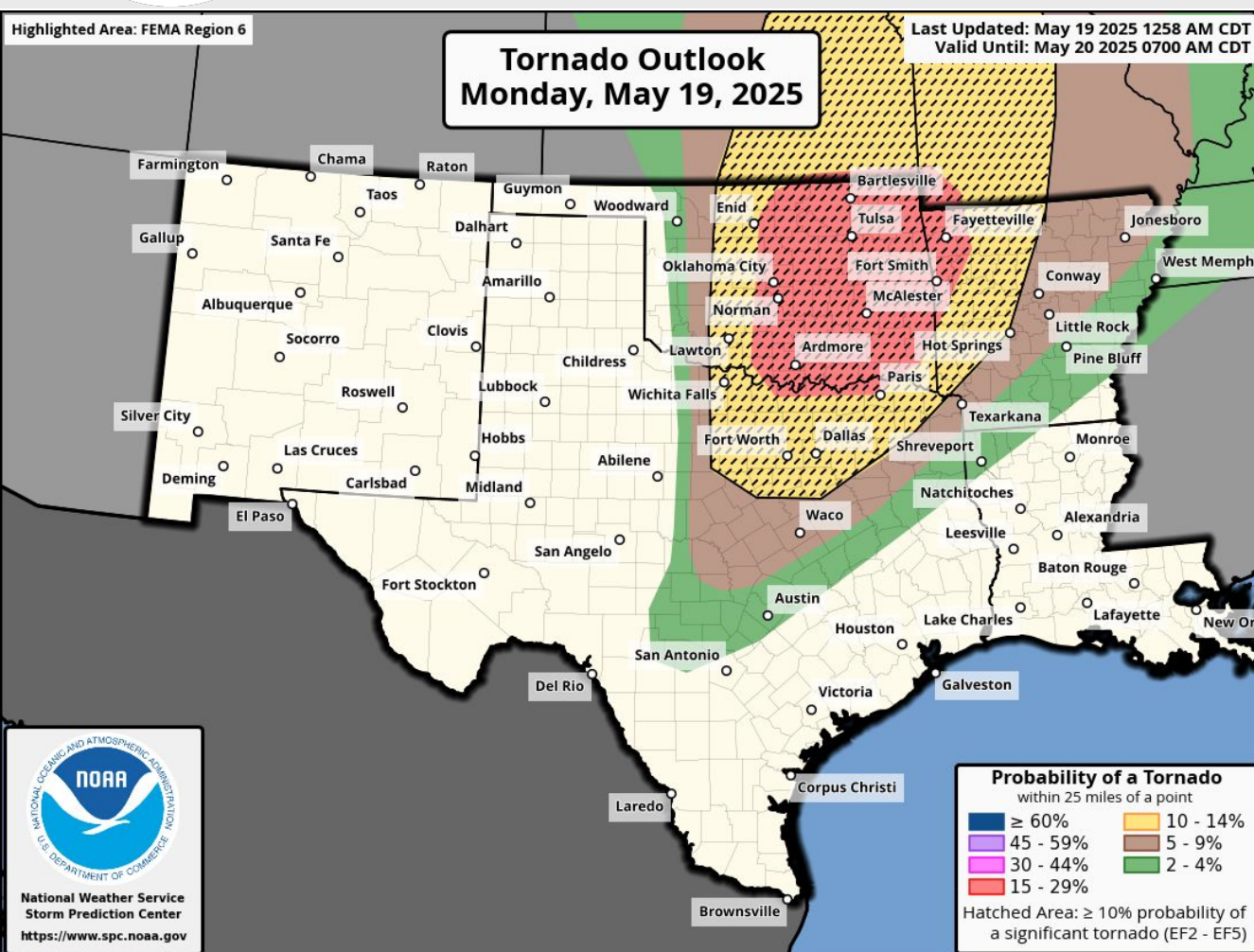
## Excessive Rainfall Outlook







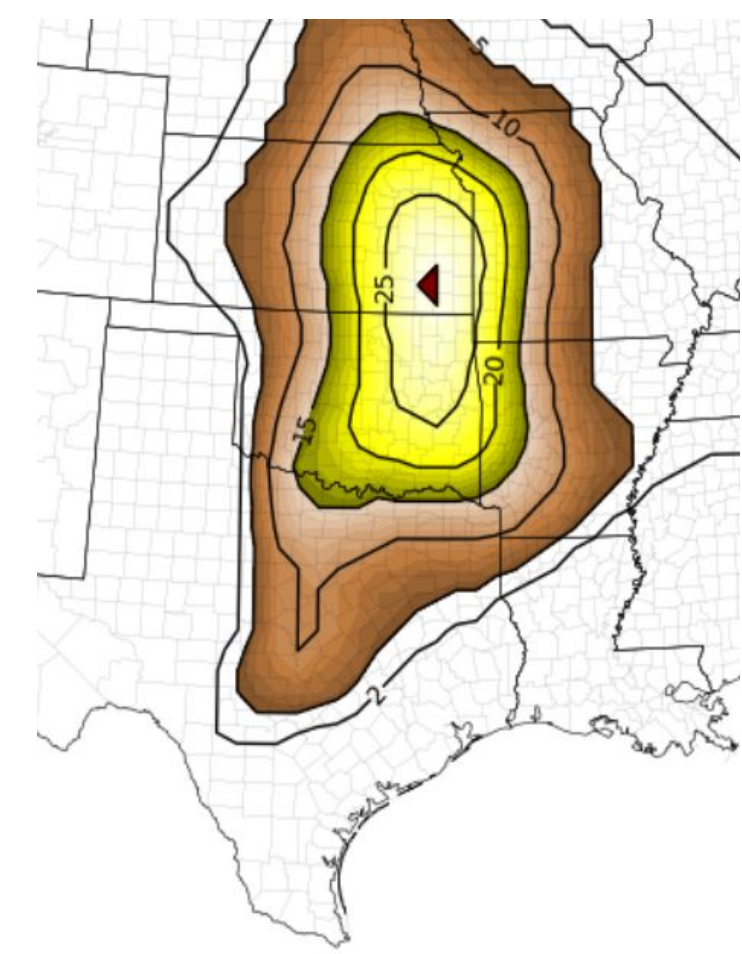
# Today's Tornado & Severe Wind / Hail Probabilities



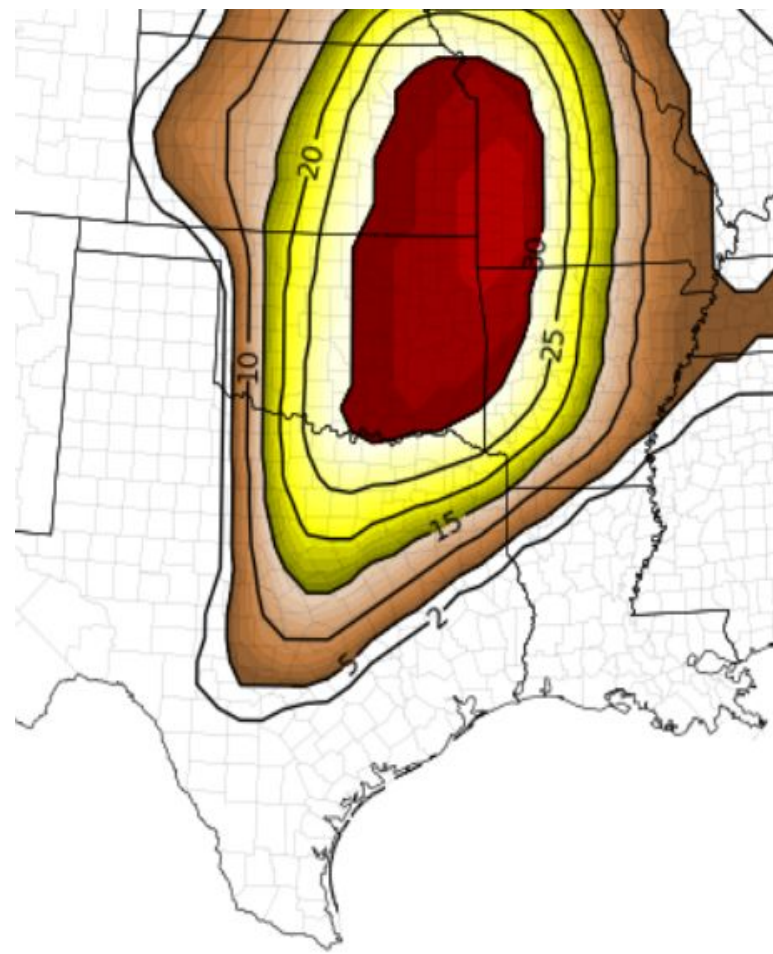




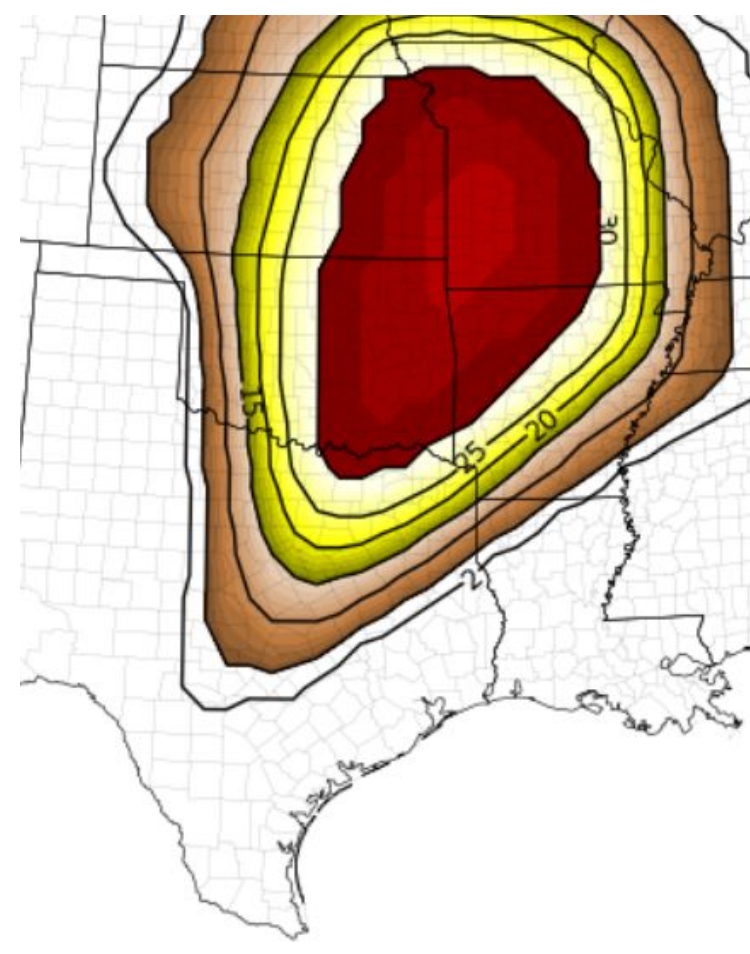
# Today's Tornado Timing



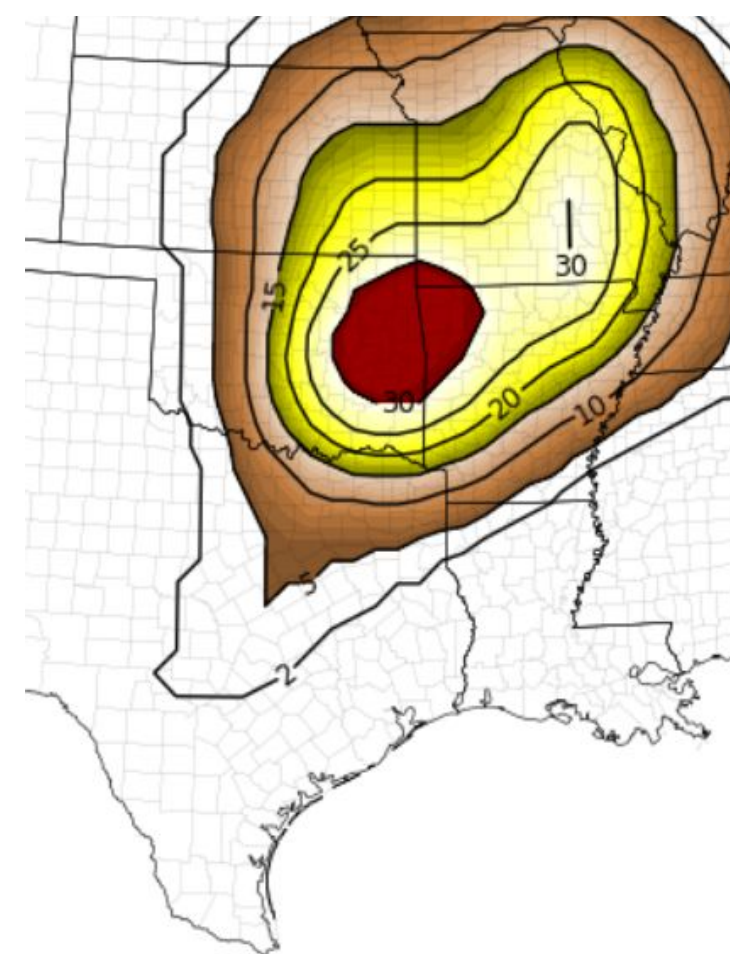
3 PM



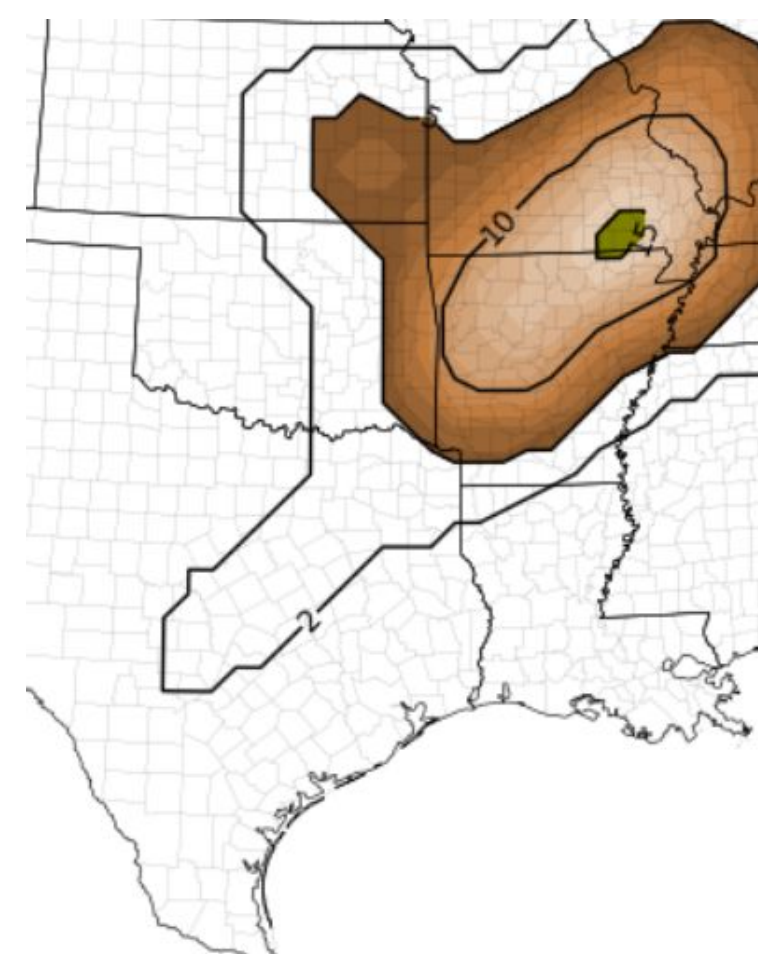
5 PM



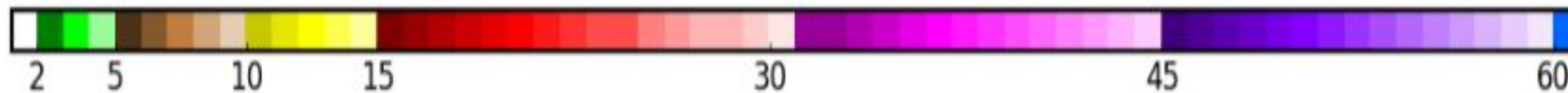
8 PM



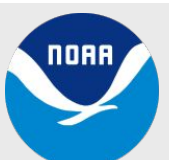
Midnight



3 AM



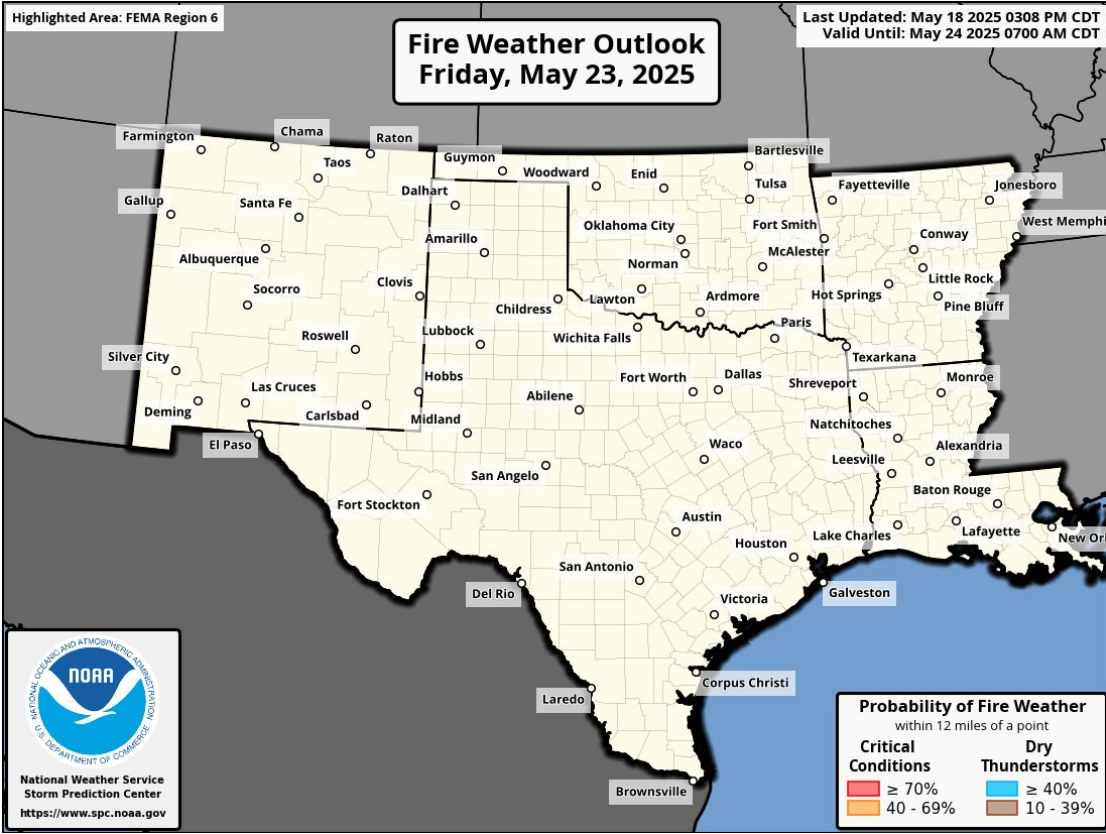
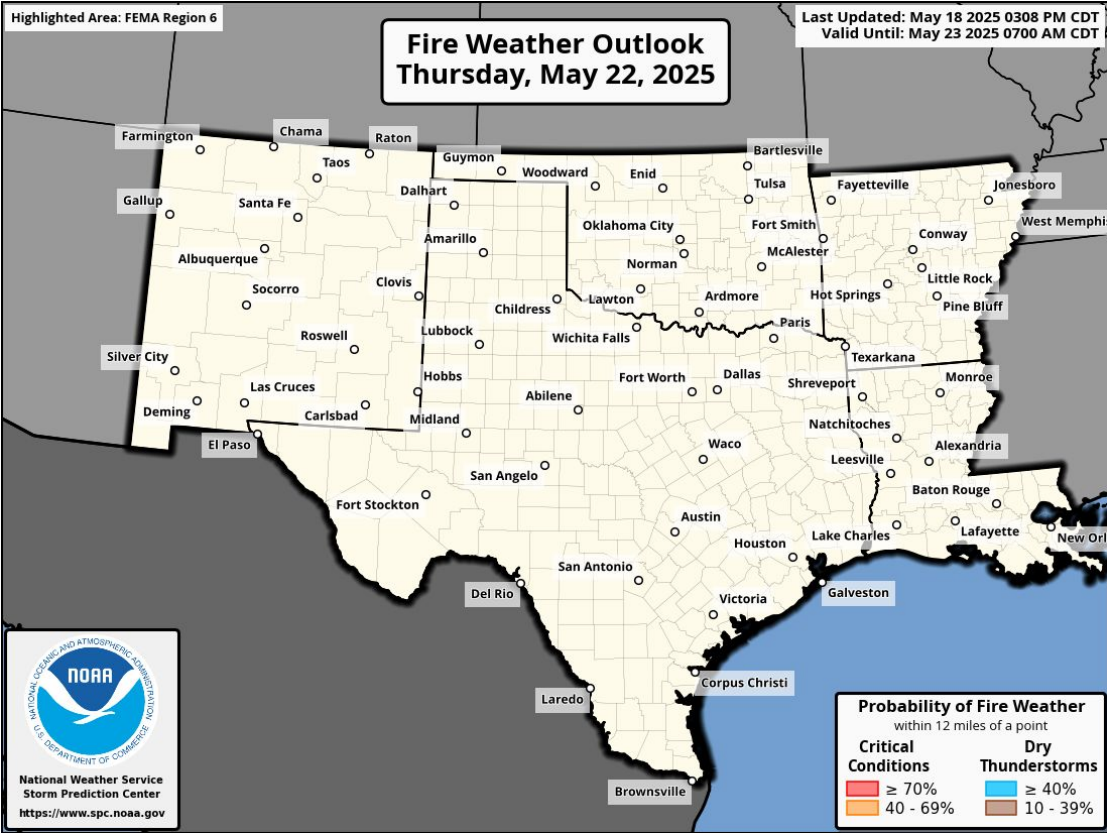
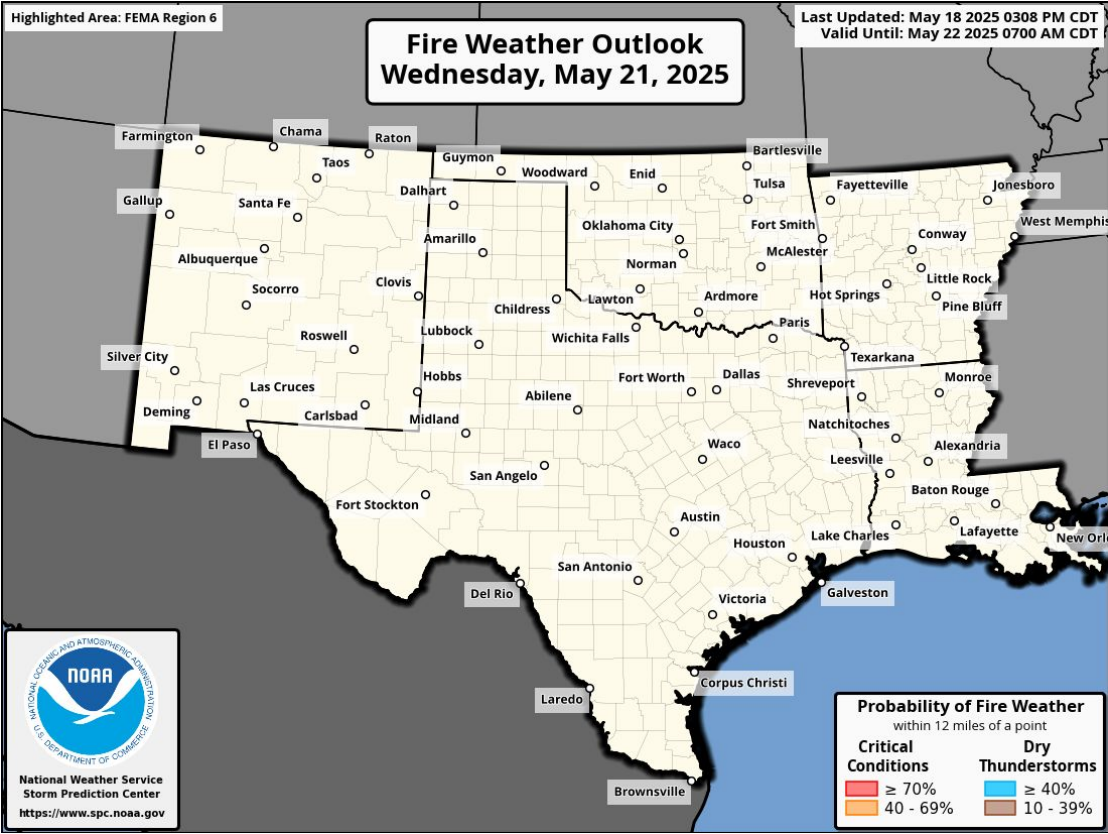
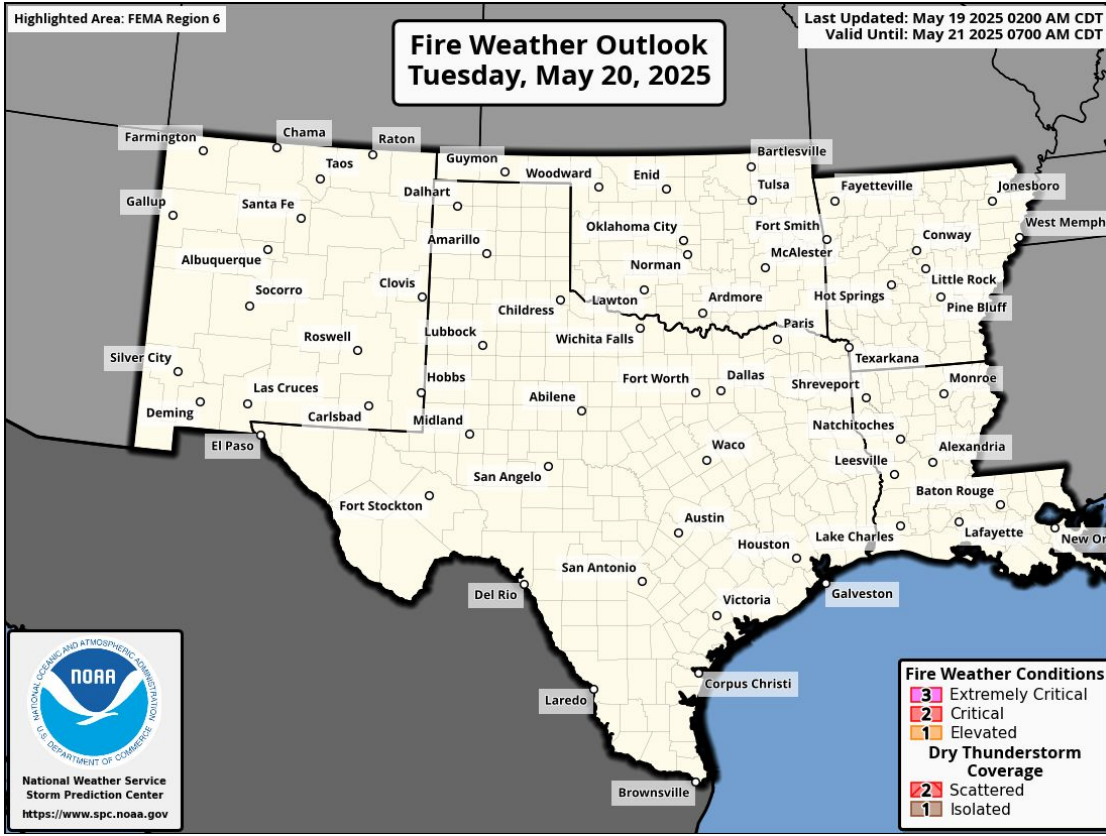
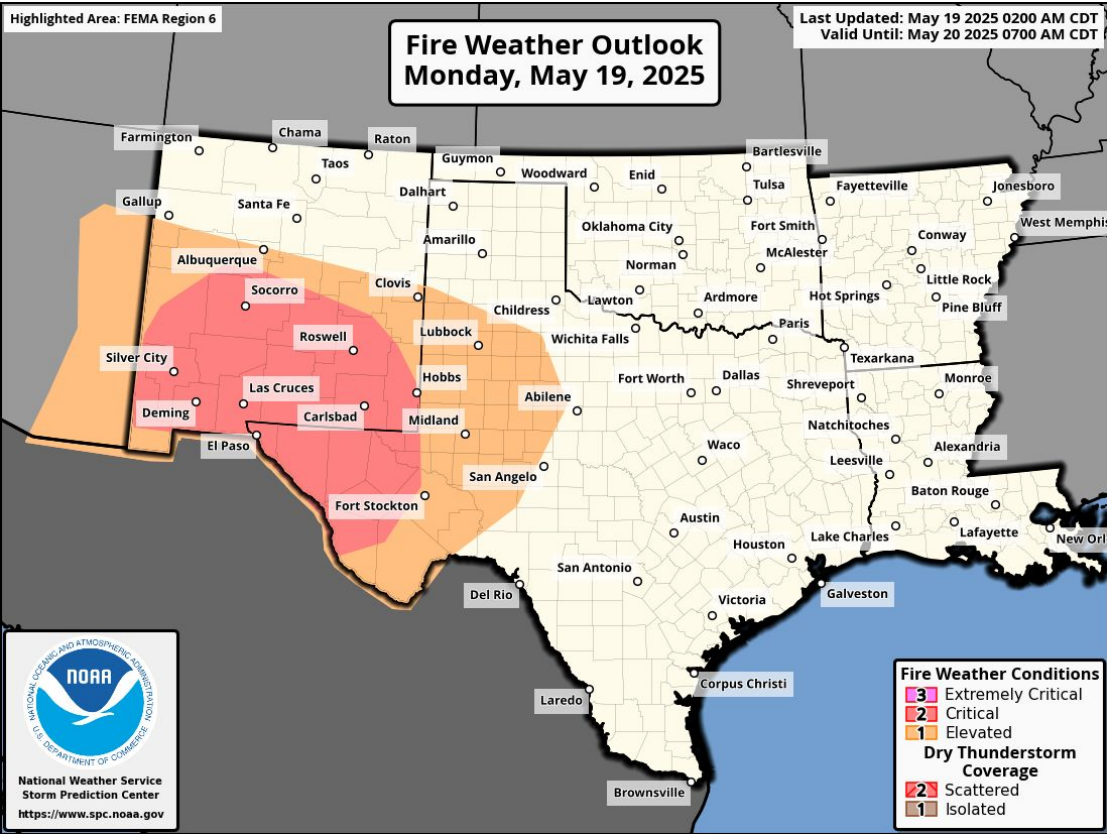
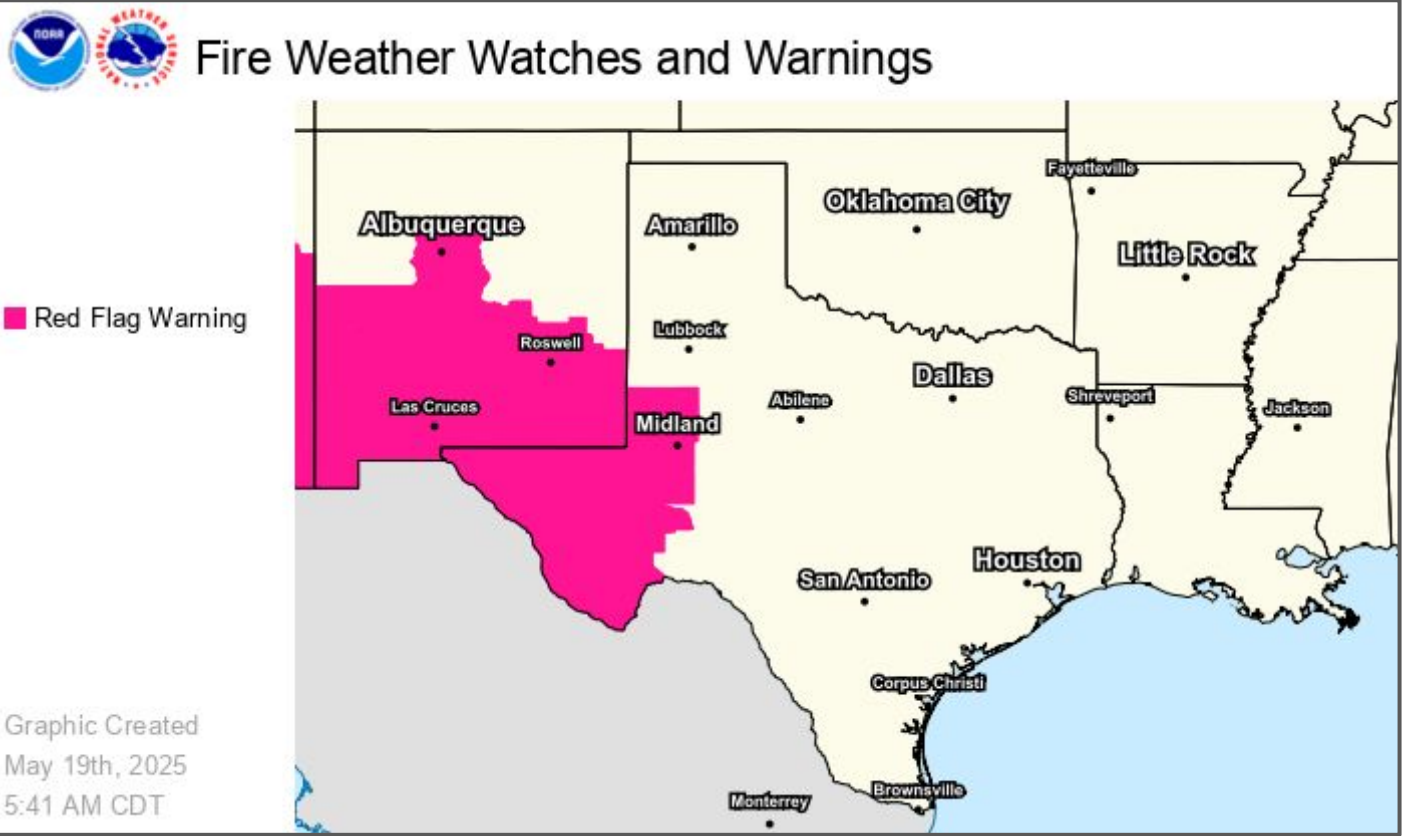
Probability (%)







# Fire Weather Outlooks

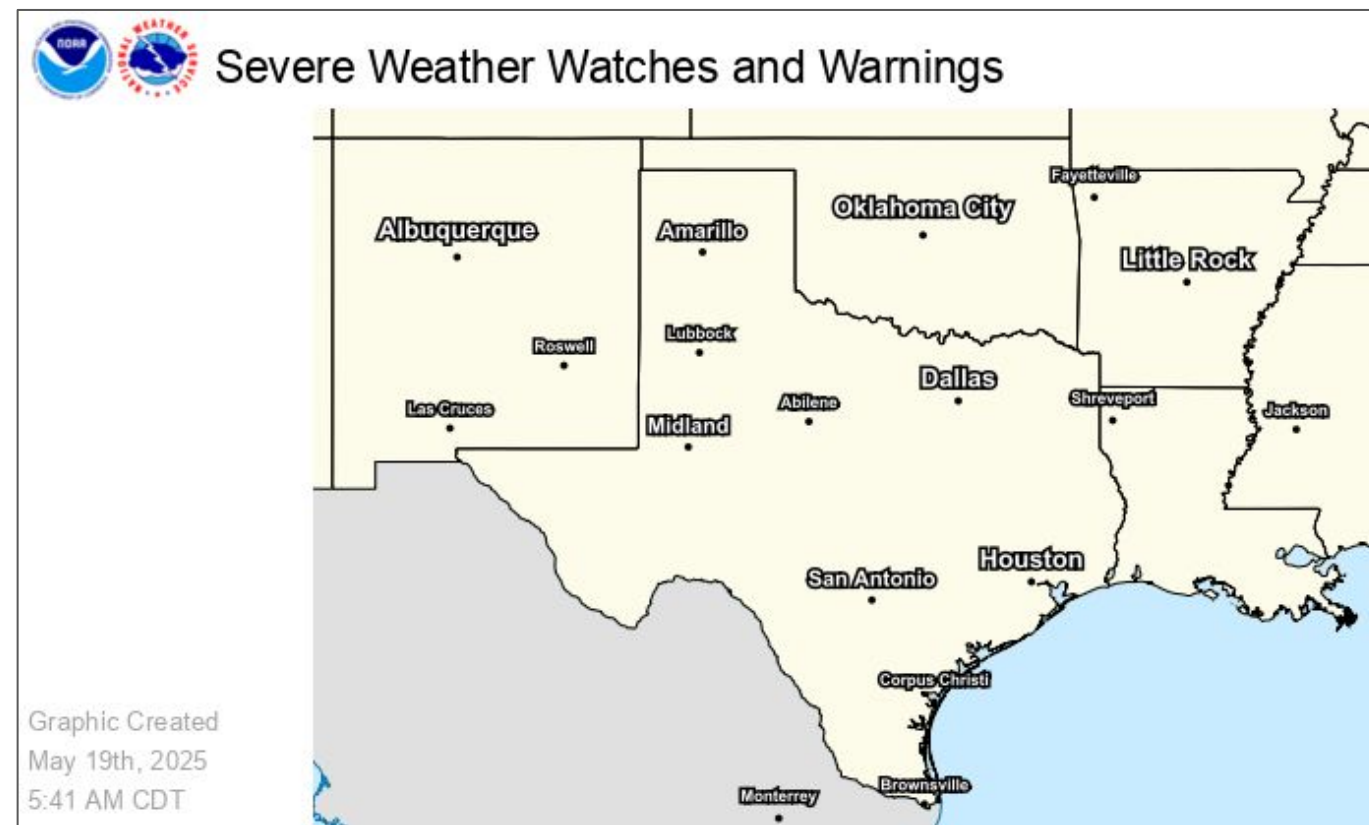
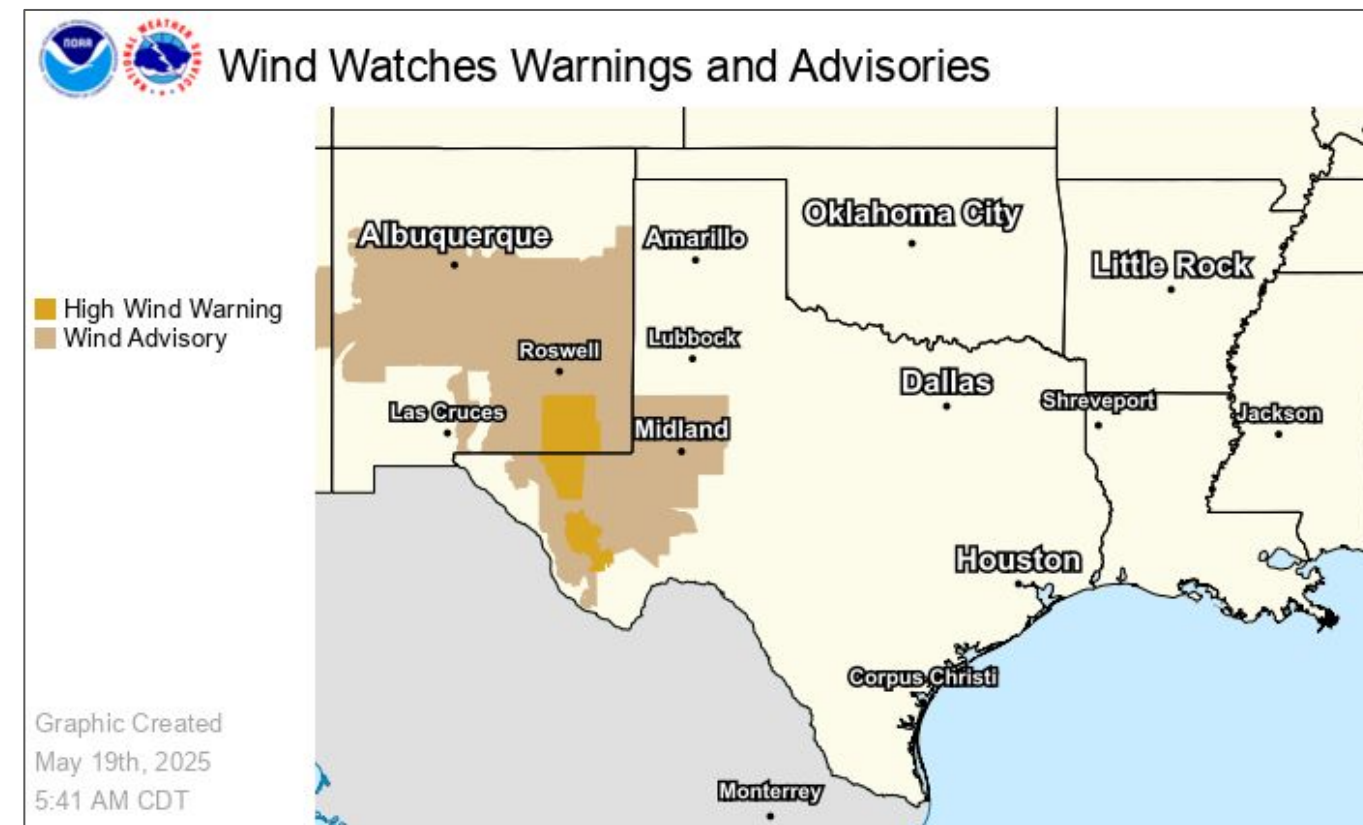






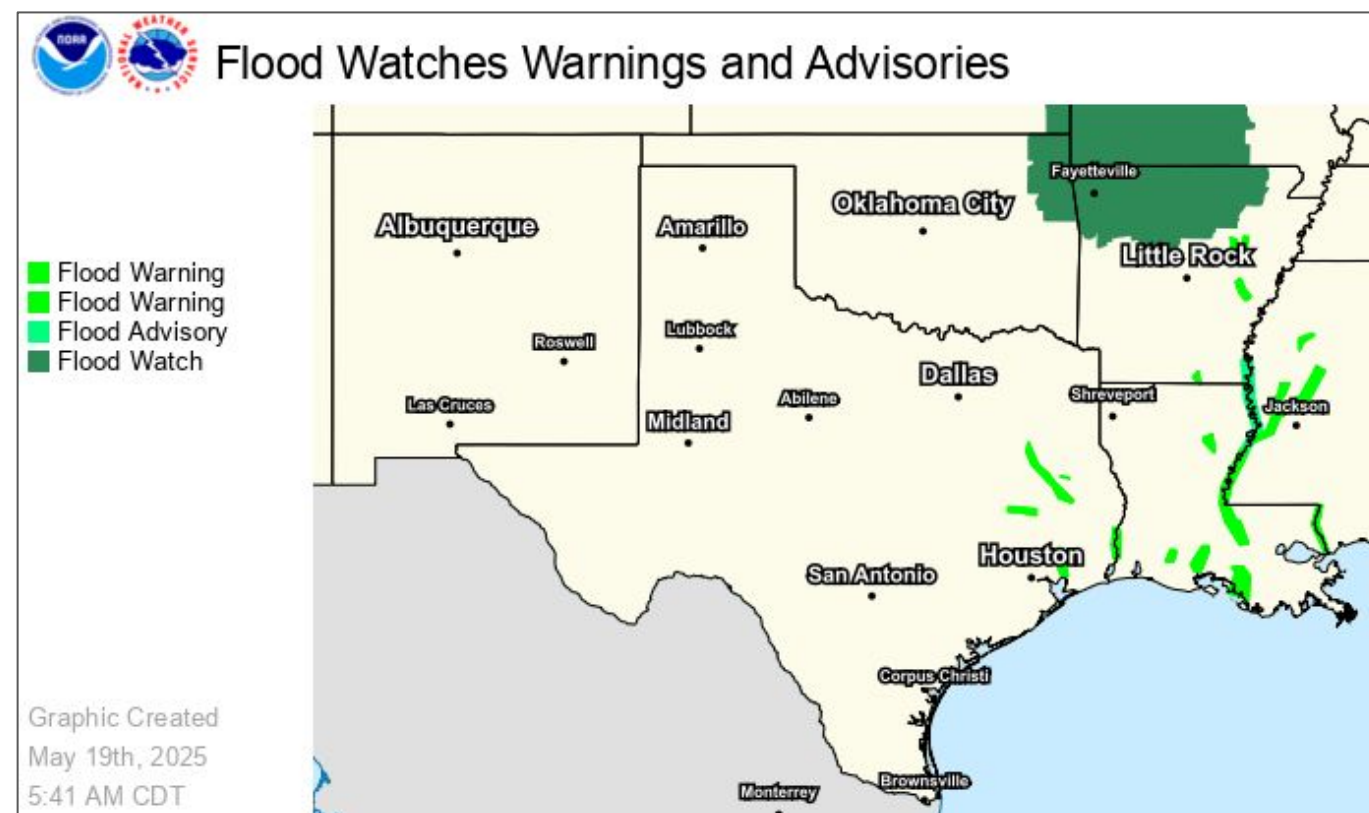
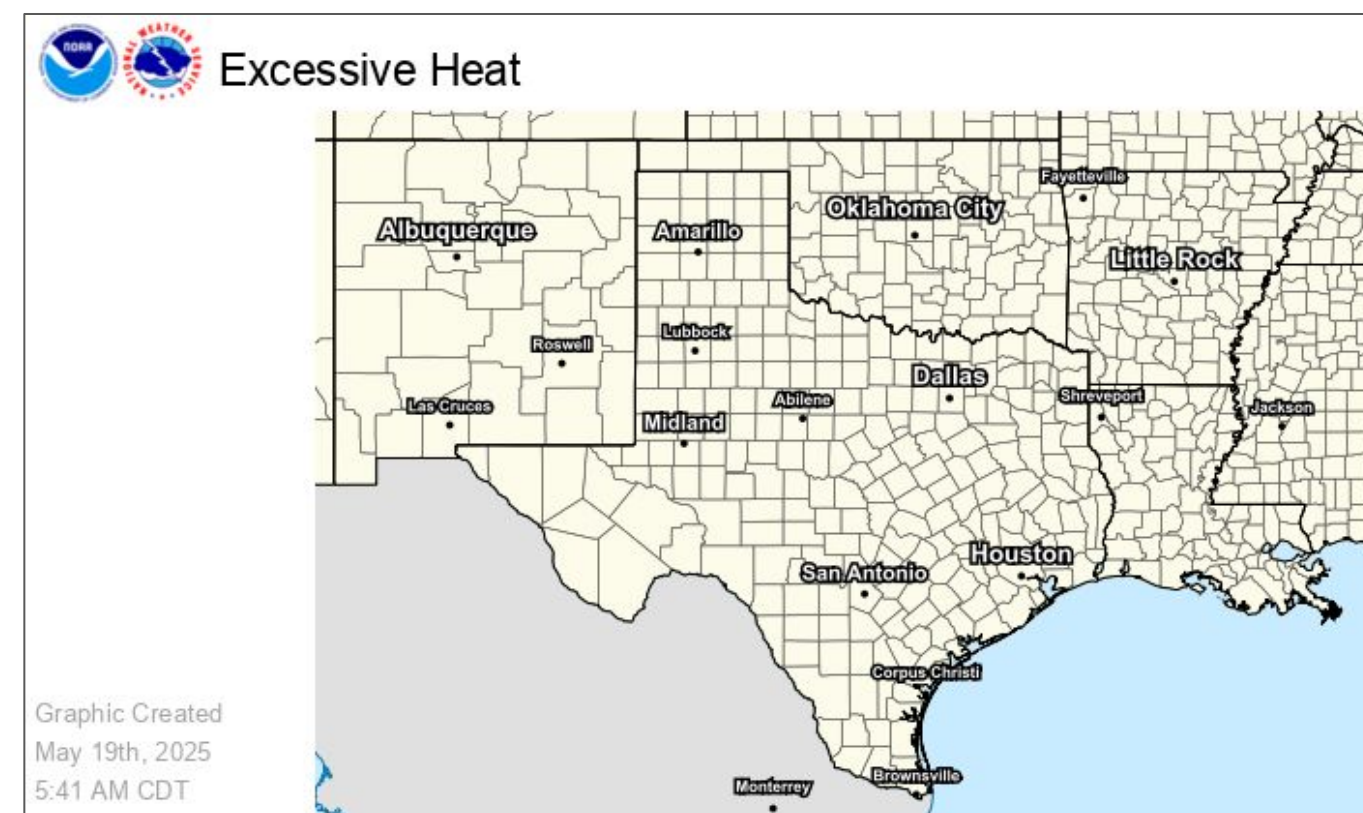
# Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



**Flood Watch in NE OK, N AR through Tuesday morning.**

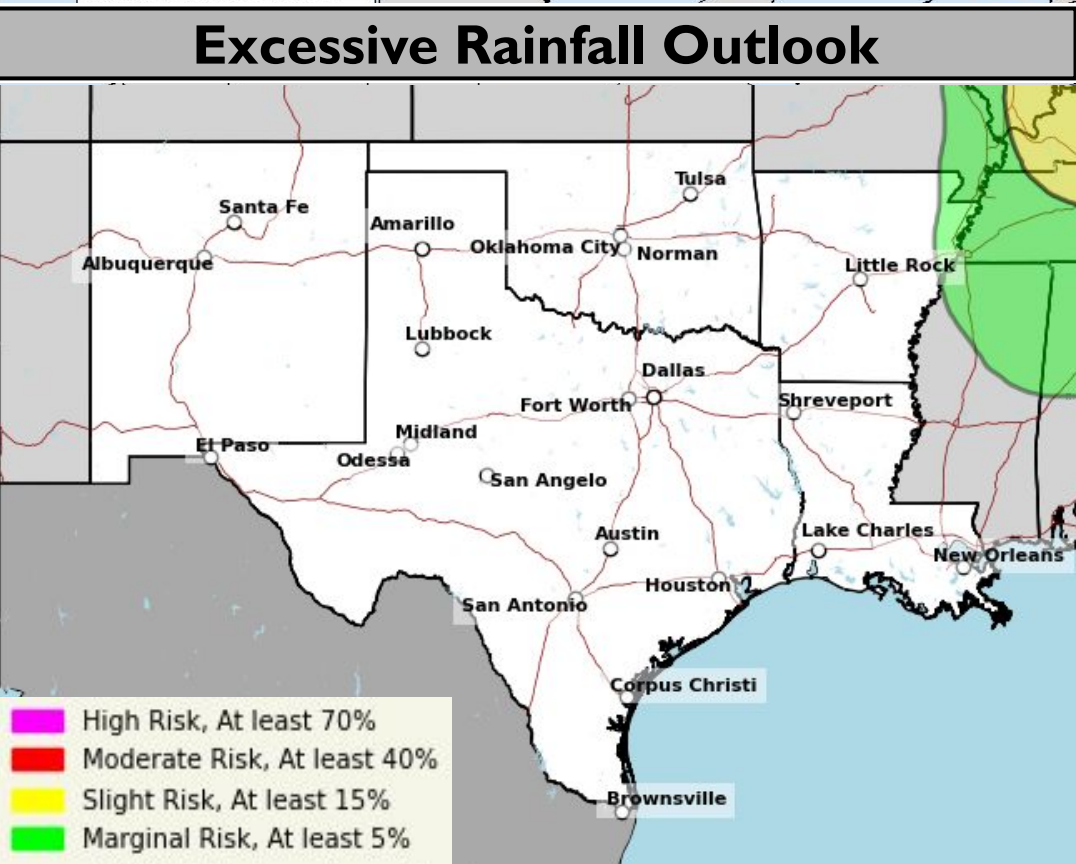
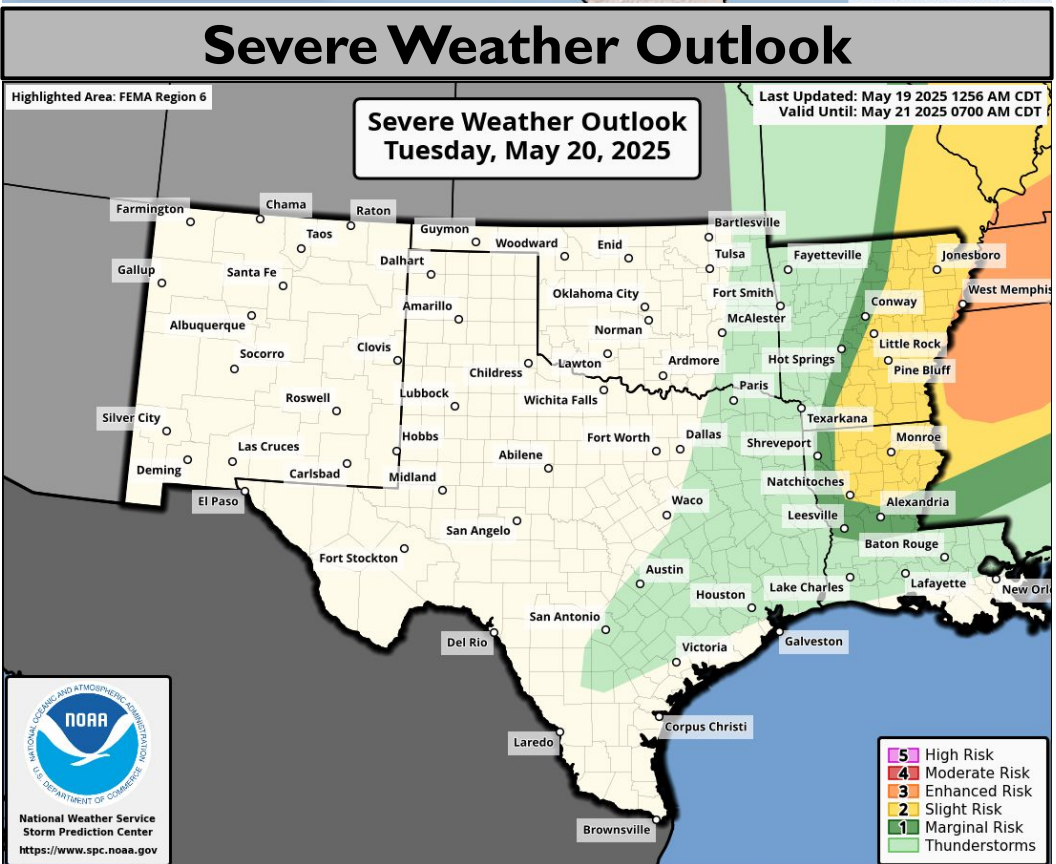
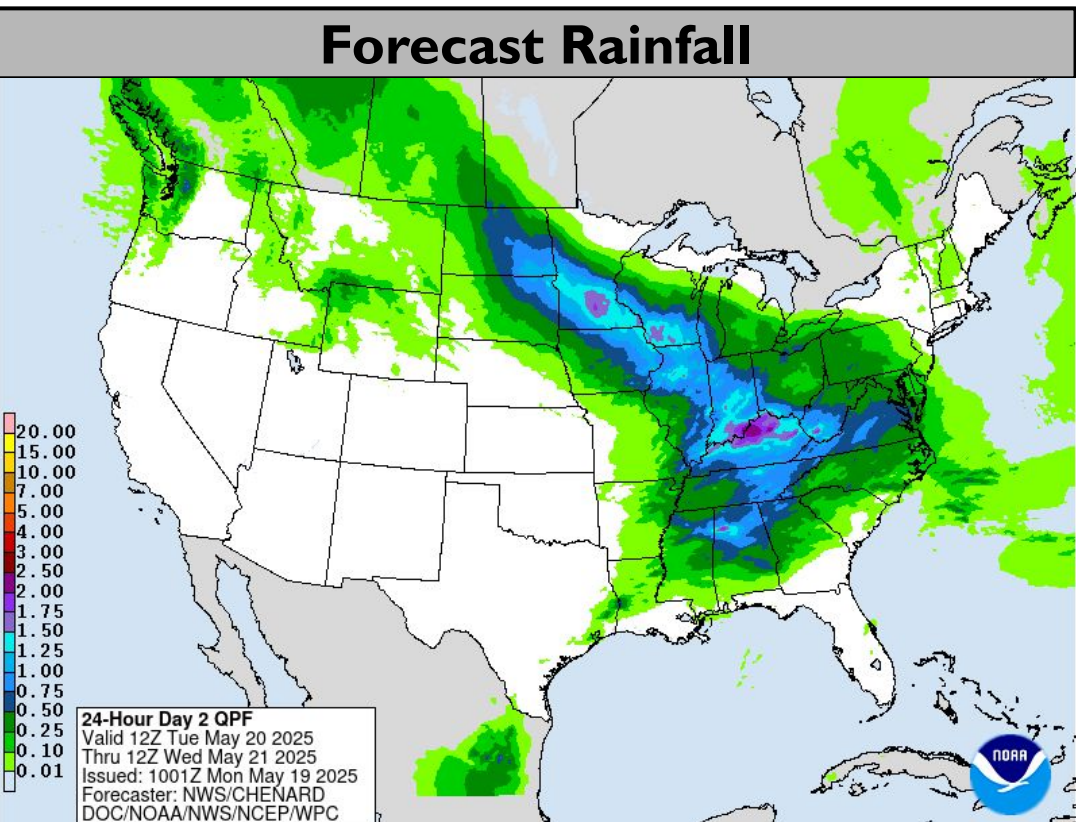
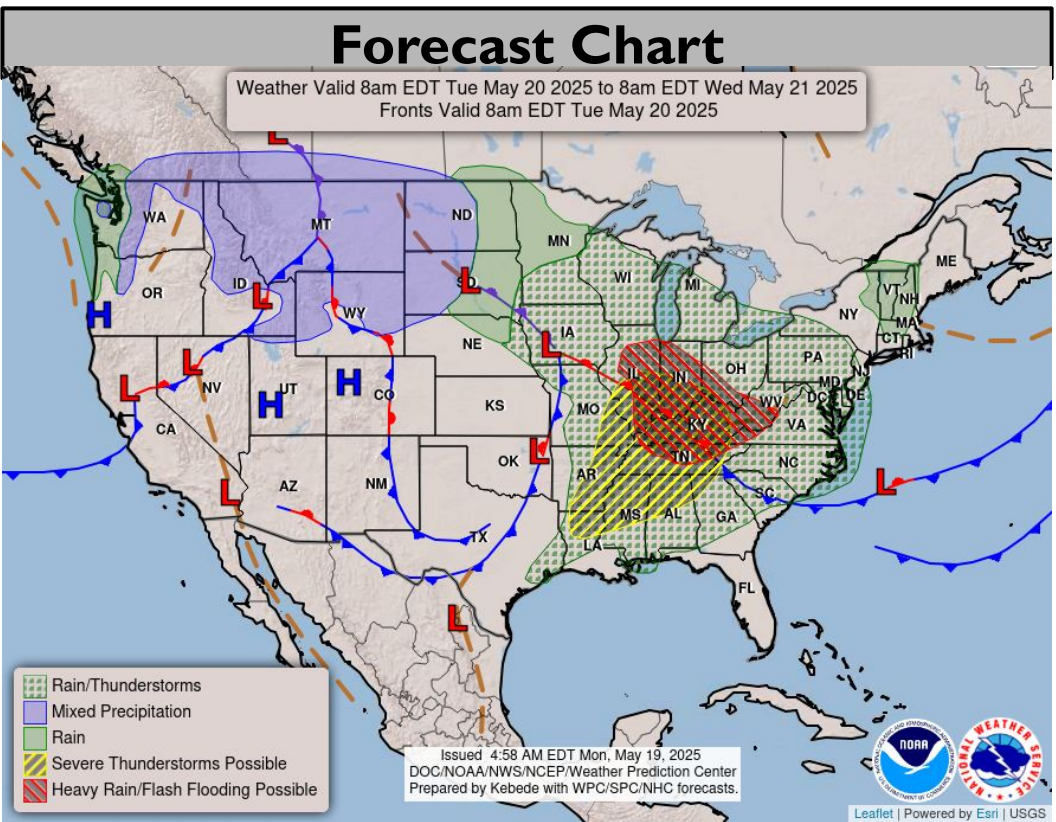
**High Wind Warnings and Wind Advisories in NM, W TX for gusts of 50-70 mph through 11 pm.**







# Tomorrow's Weather



**Slight risk for severe storms (level 2 of 5) over E AR, NE LA.**

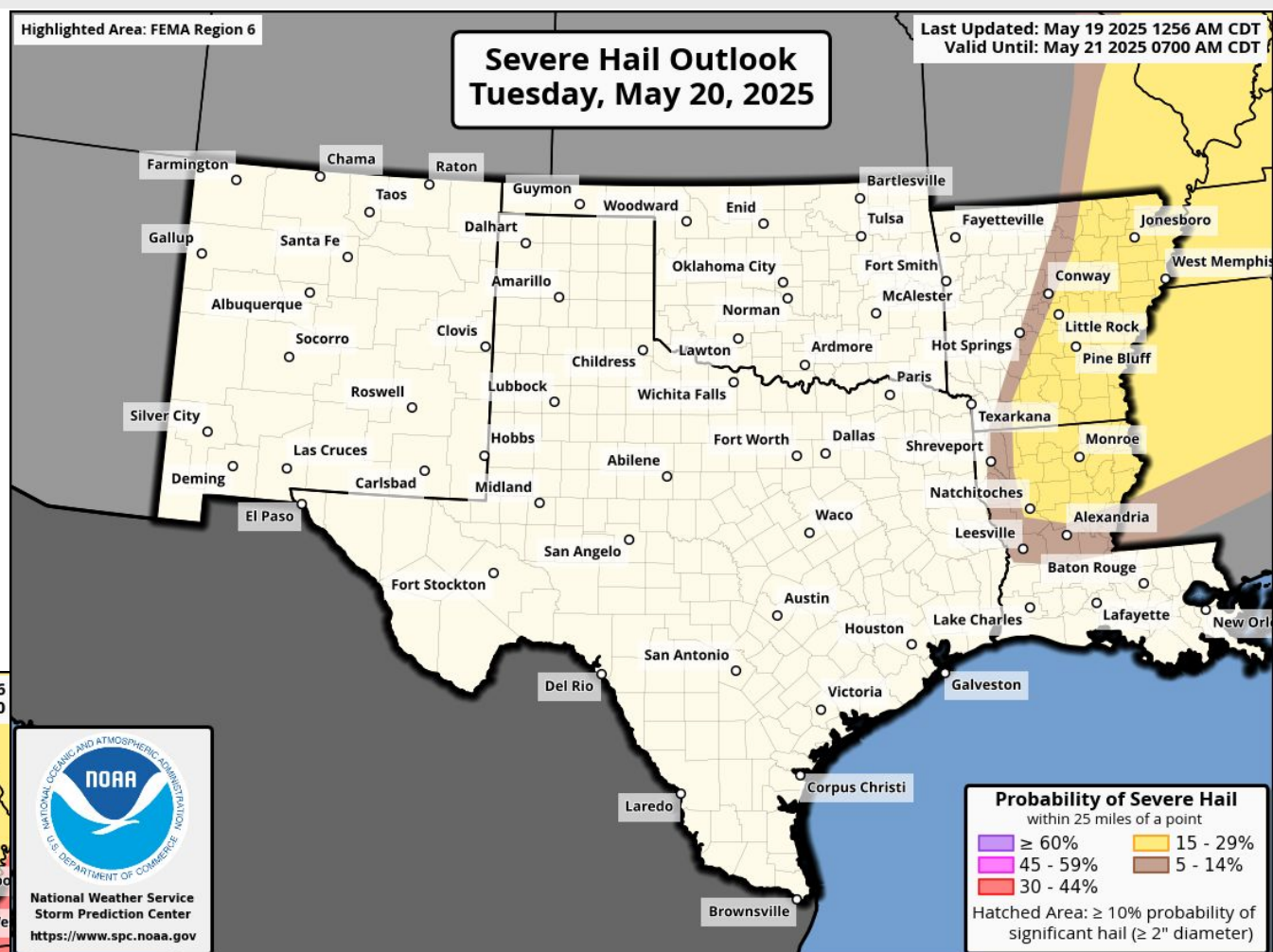
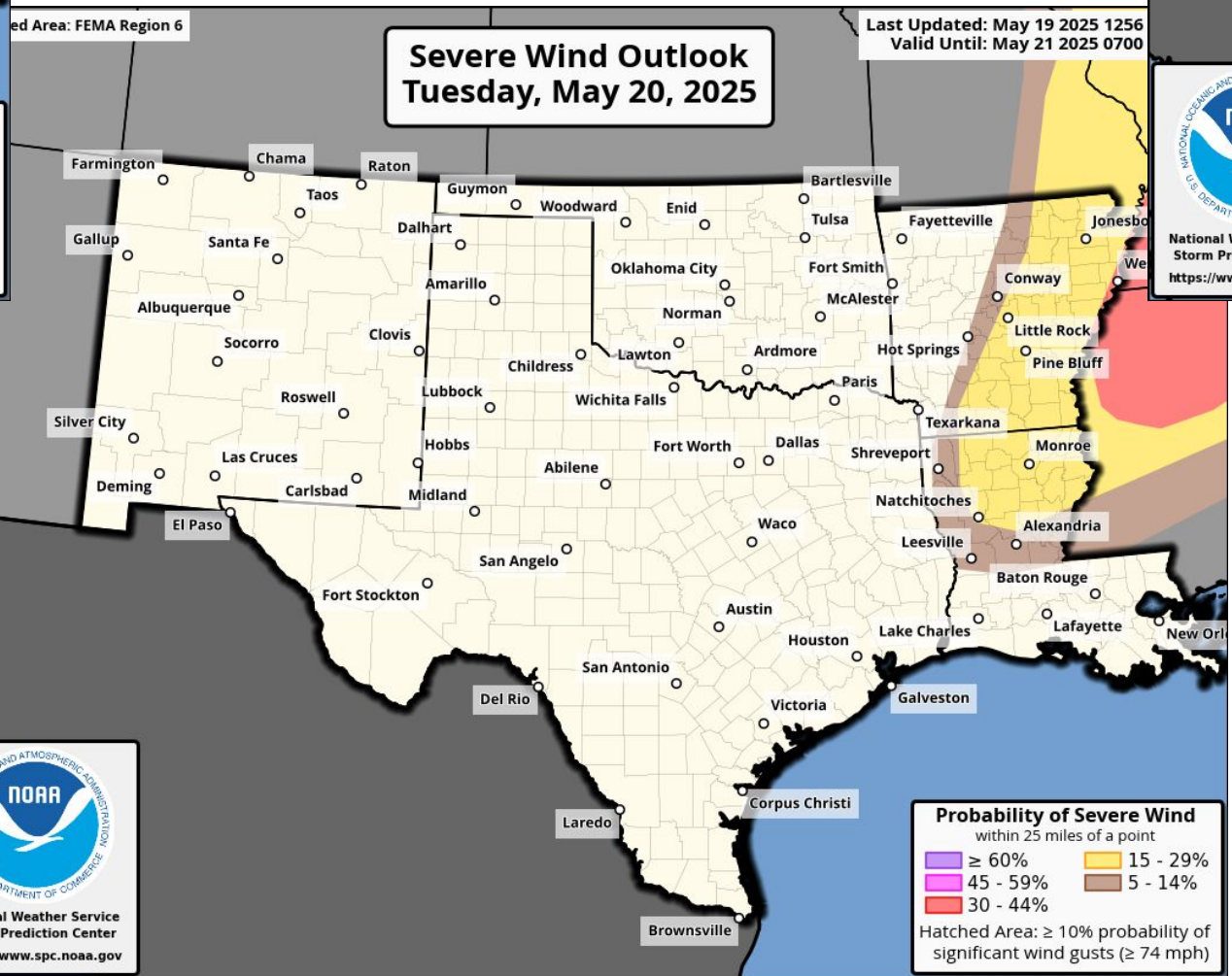
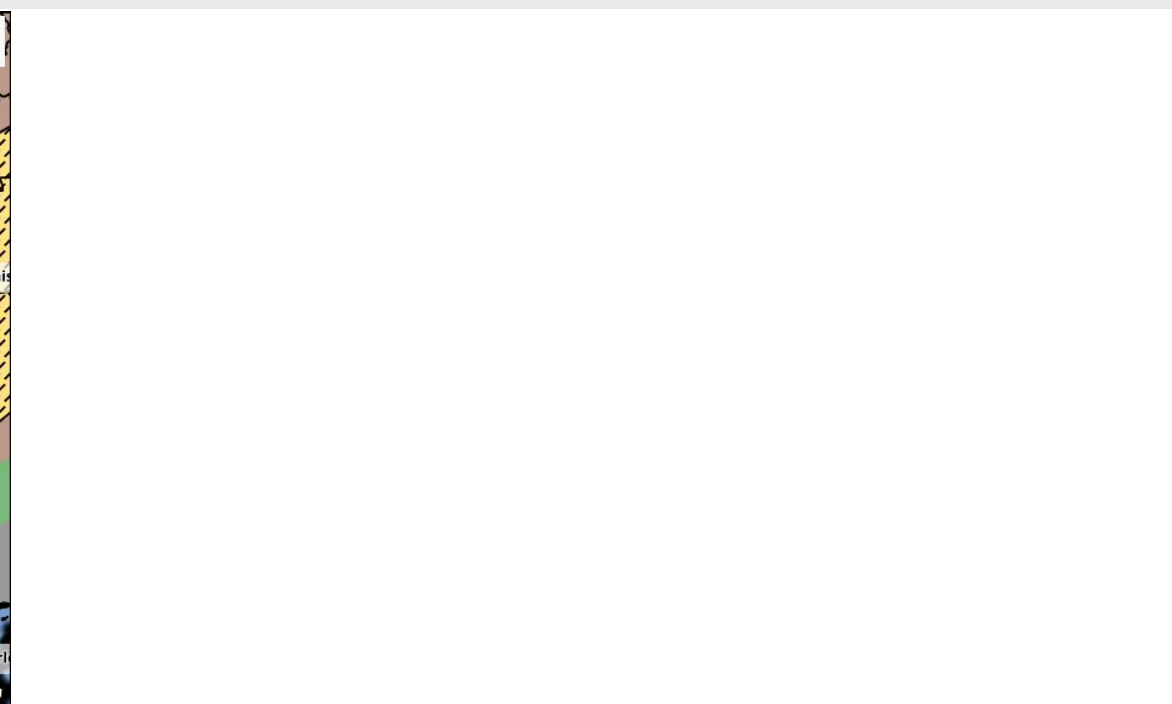
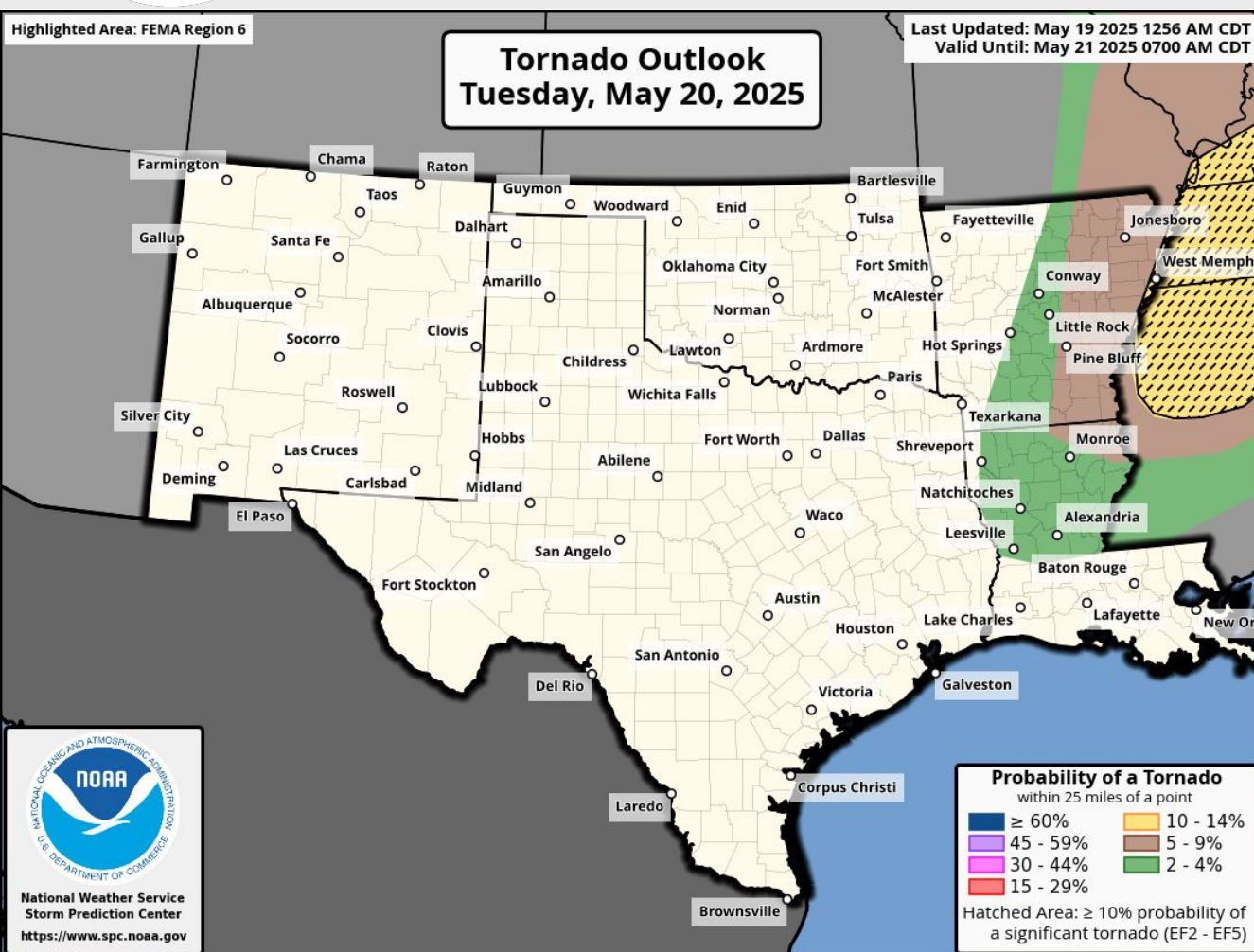
**High temps over 100 degrees in S TX.**

**Marginal risk (level 1 of 4) for flash flooding in NE AR.**





# Tomorrow's Tornado & Severe Wind / Hail Probabilities

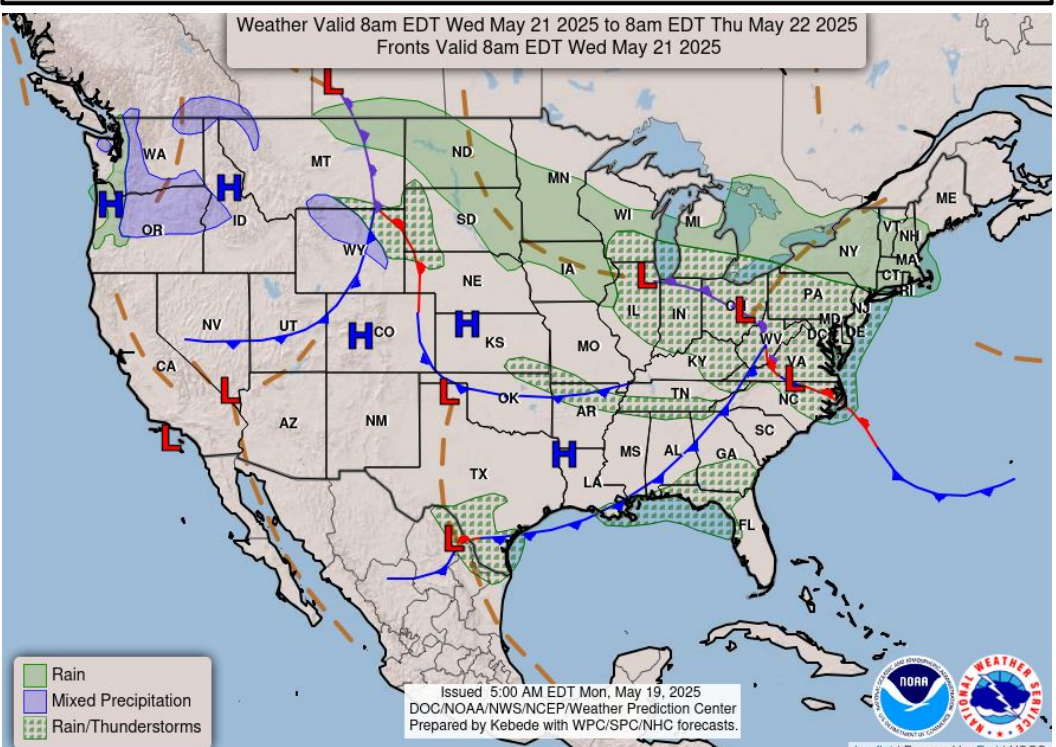




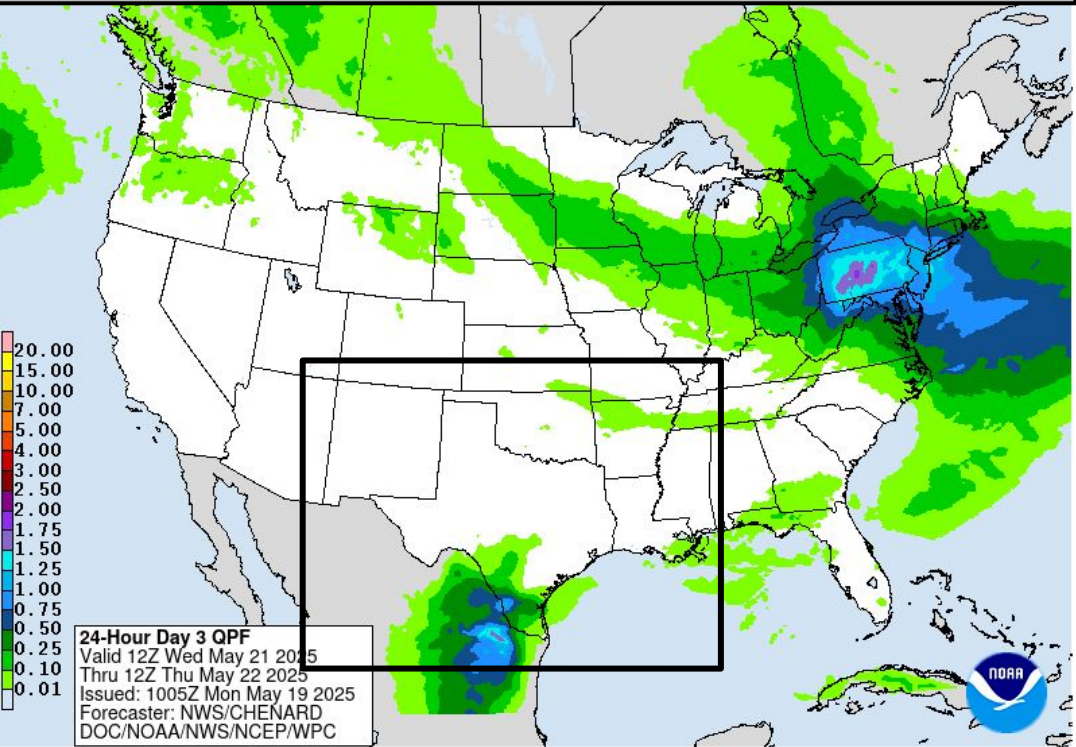


# Wednesday's Weather

Forecast Chart

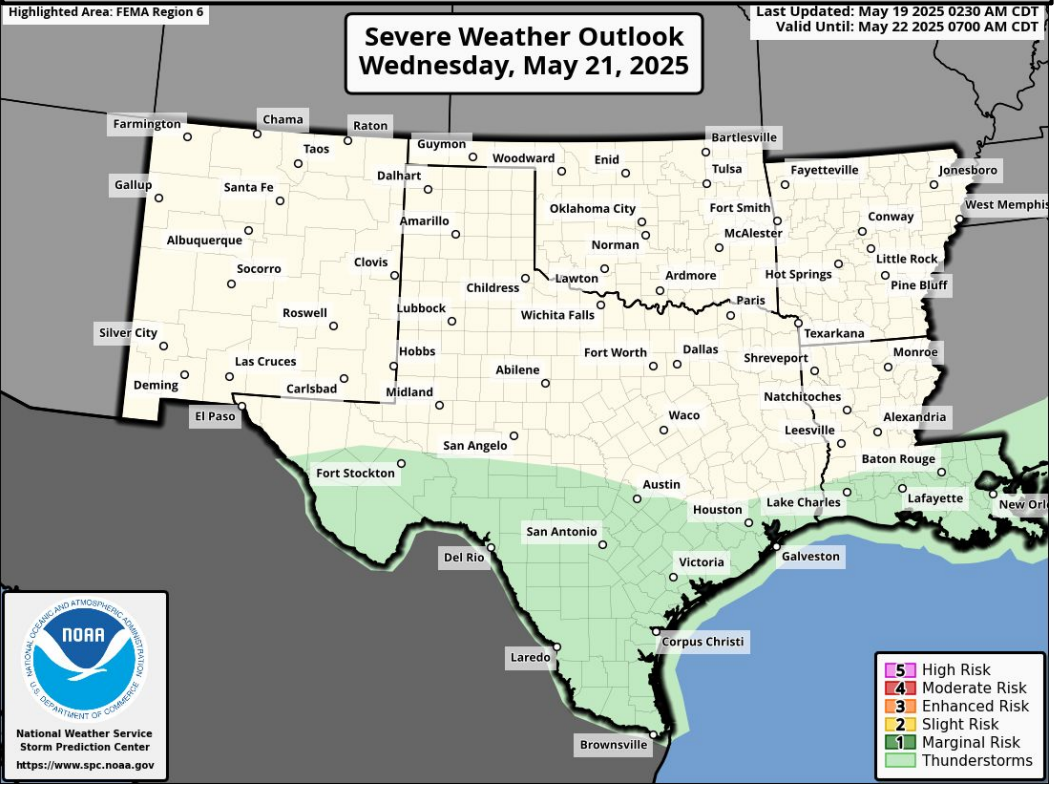


Forecast Rainfall

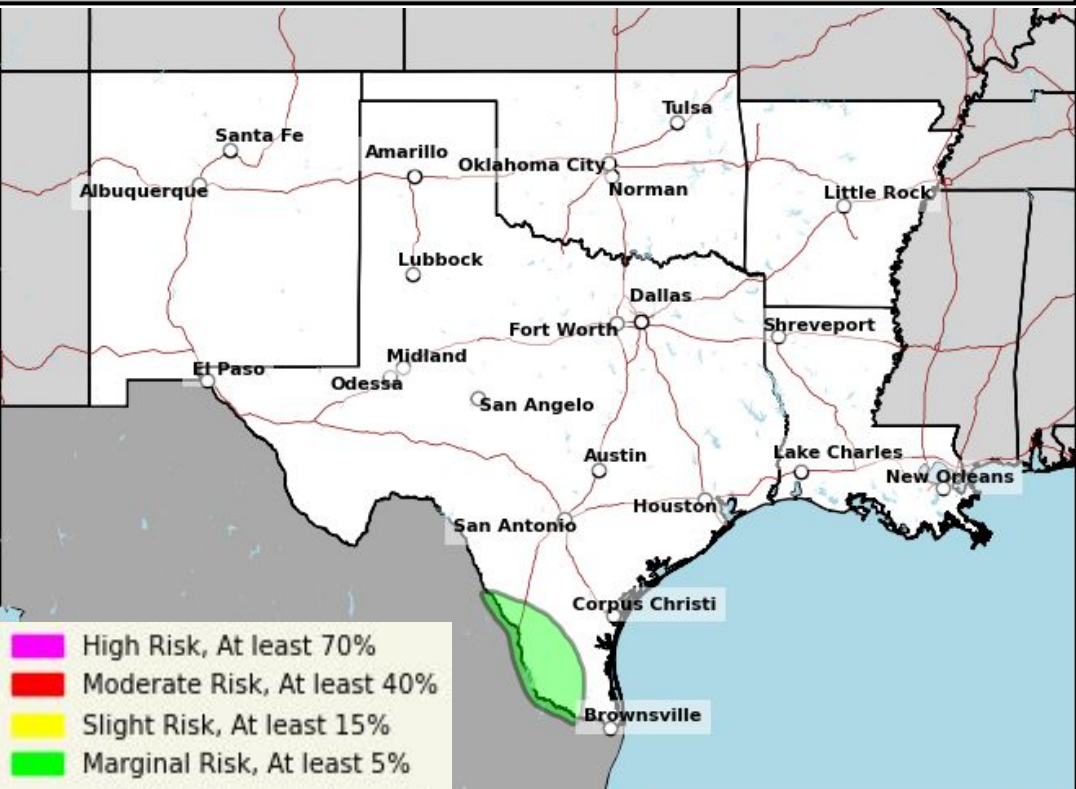


High temps over 100 degrees in S TX.

Severe Weather Outlook



Excessive Rainfall Outlook

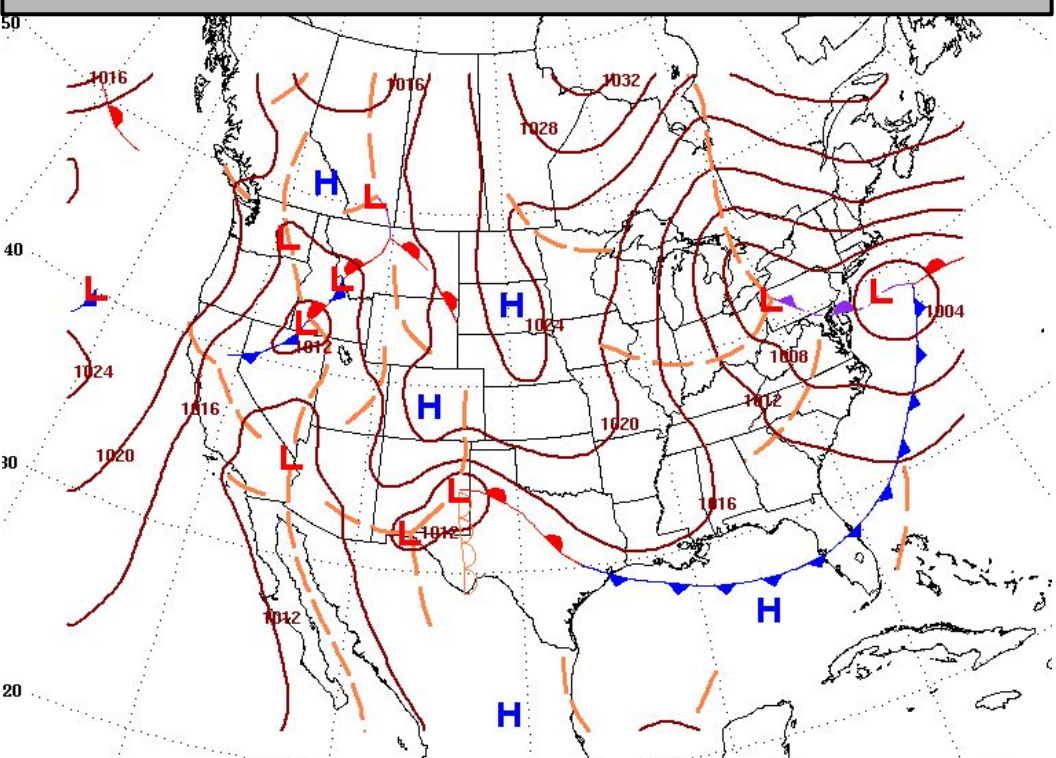




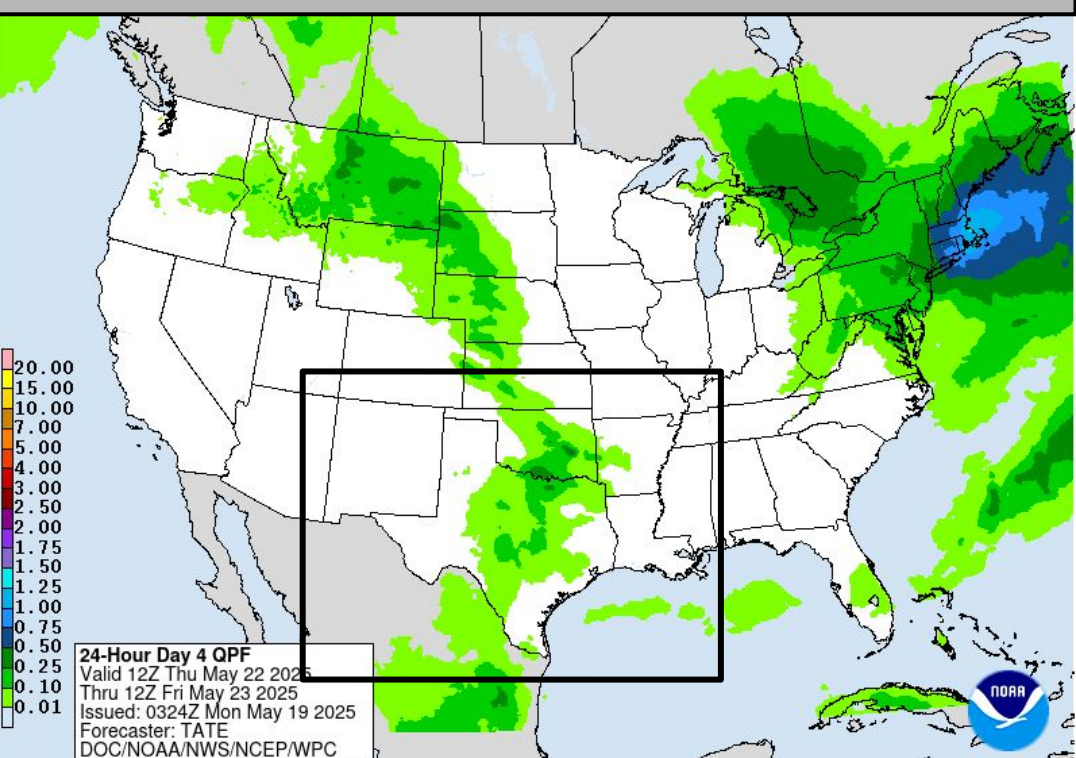


# Thursday's Weather

Forecast Chart

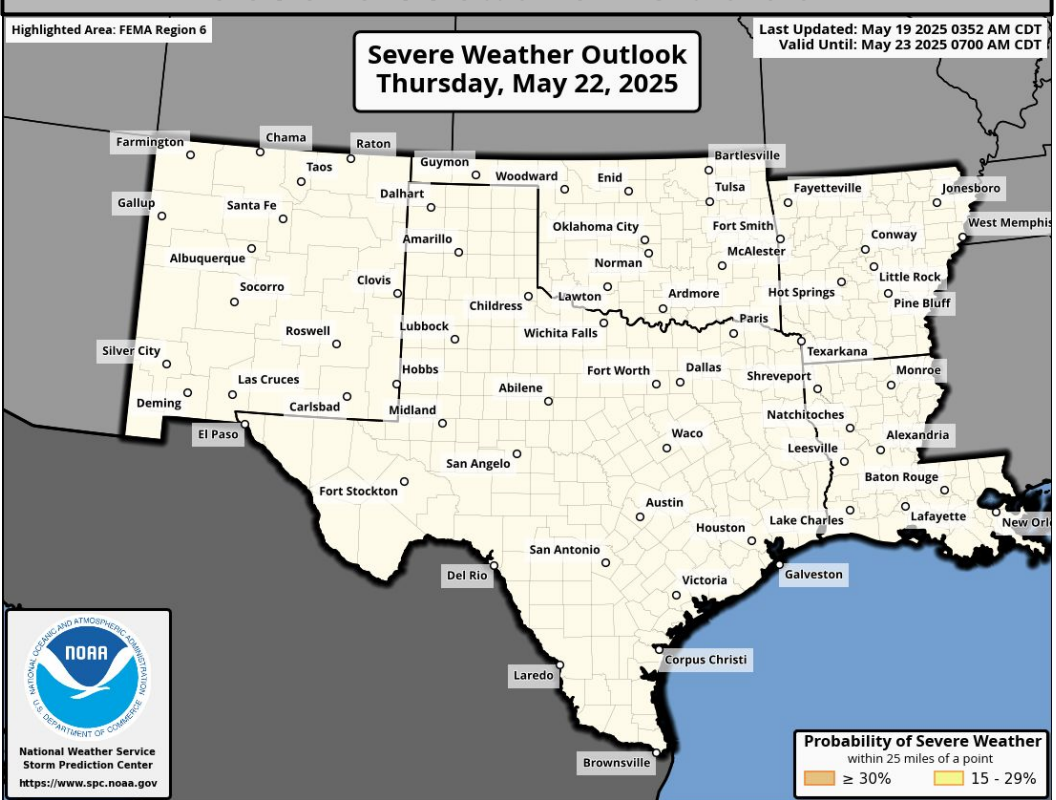


Forecast Rainfall

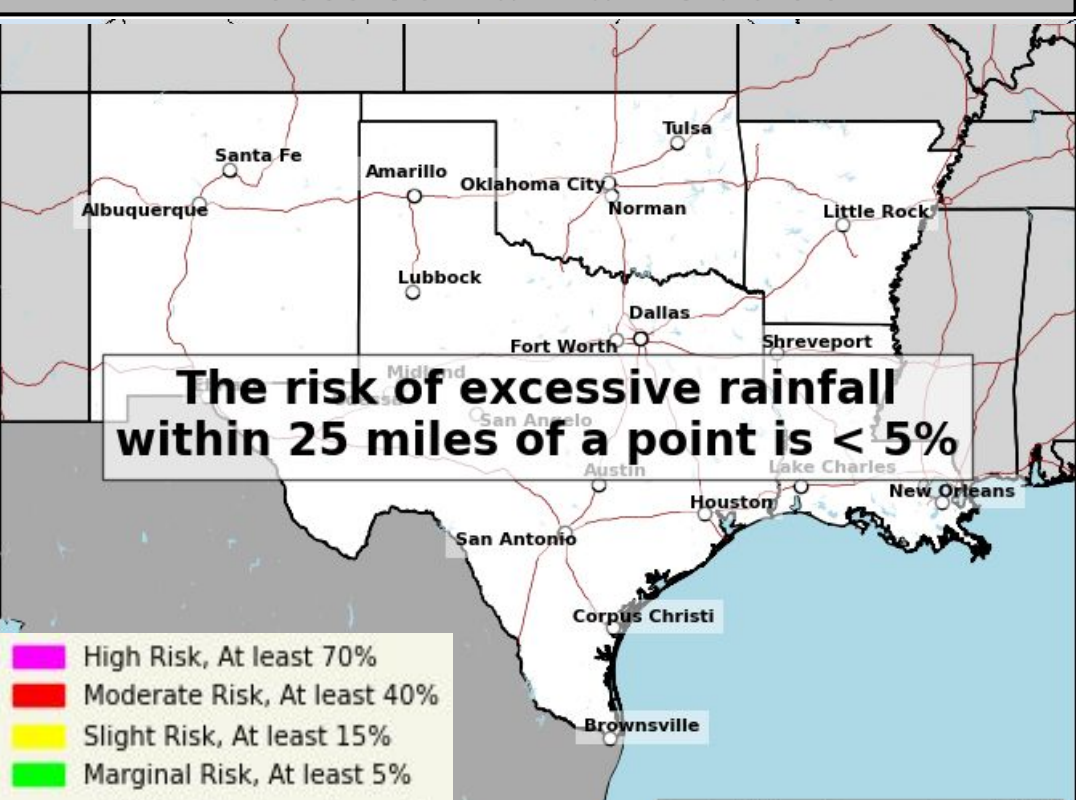


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

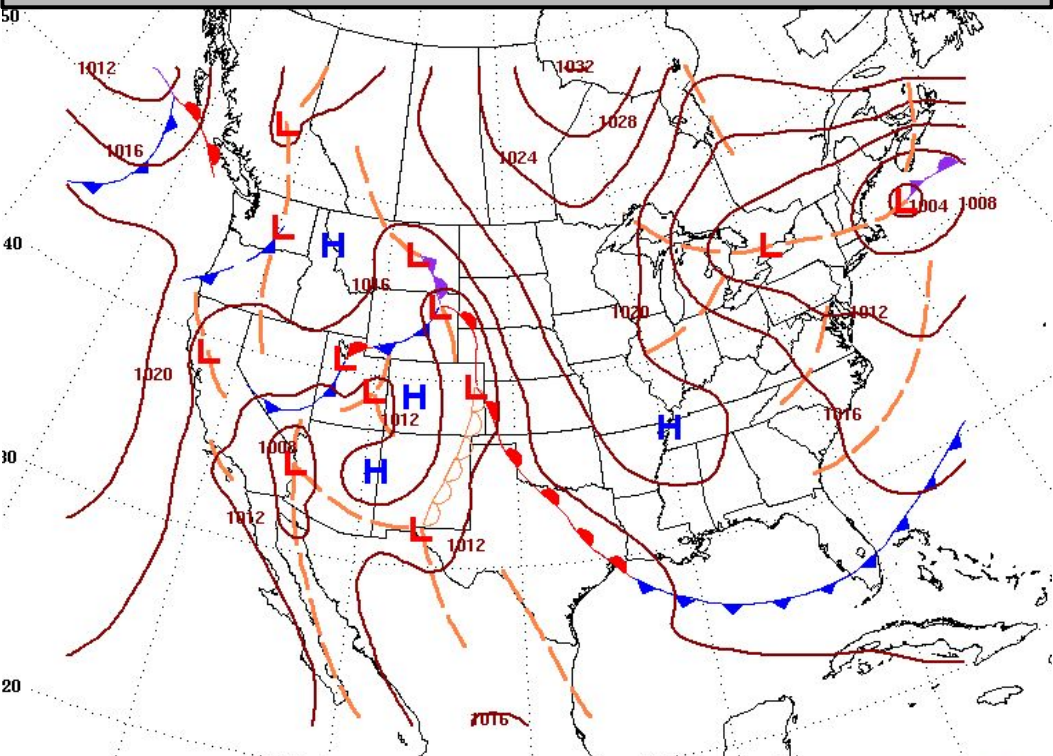




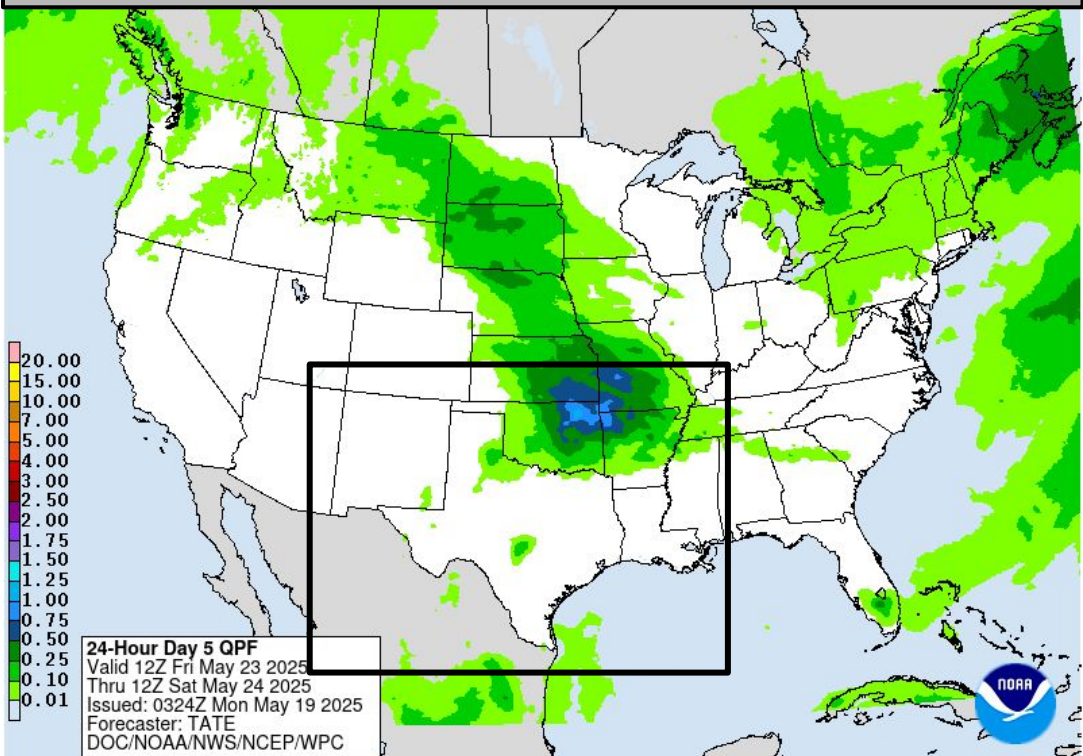


# Friday's Weather

Forecast Chart

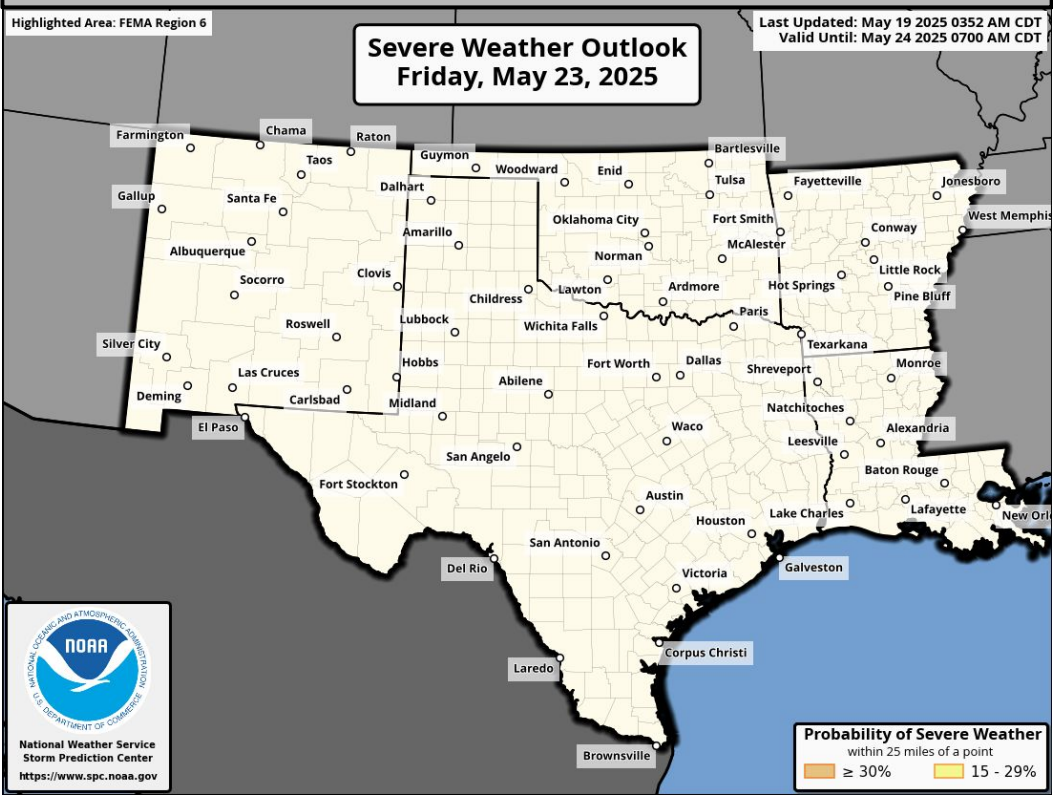


Forecast Rainfall

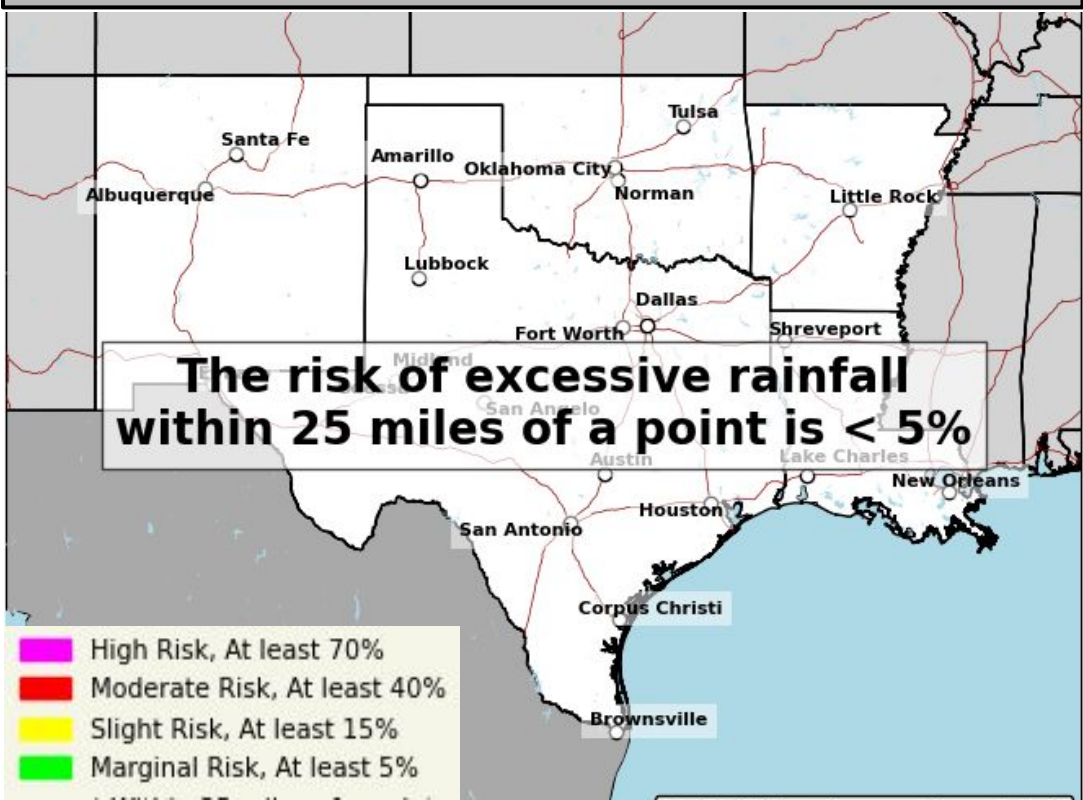


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

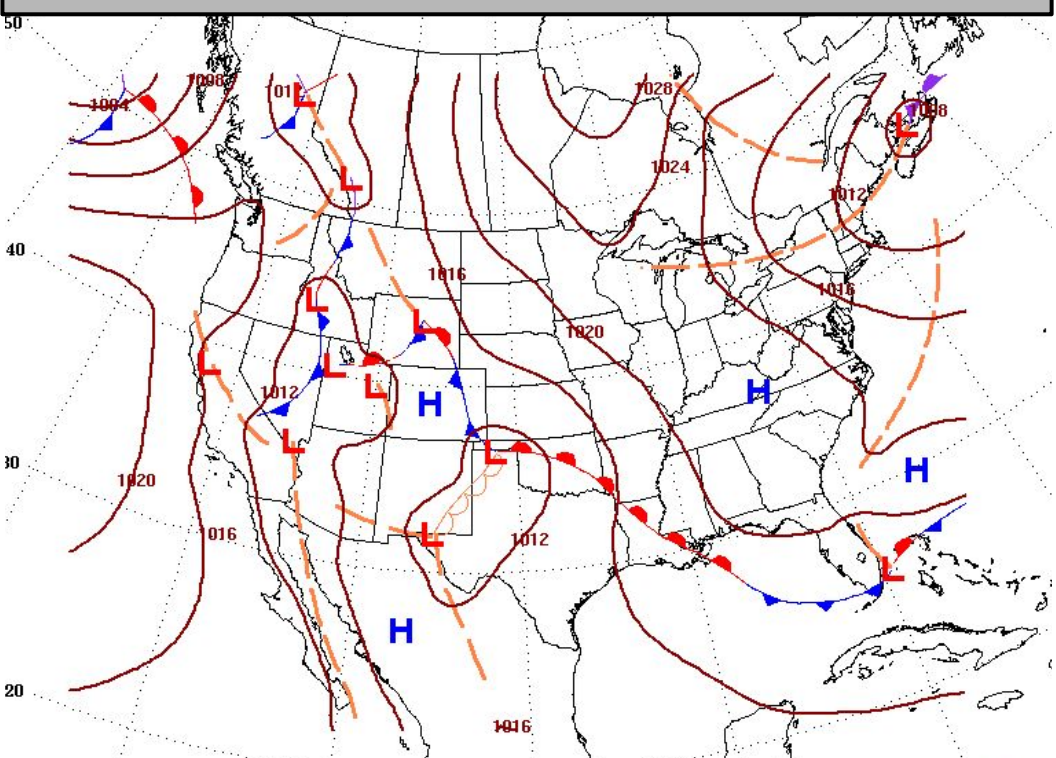




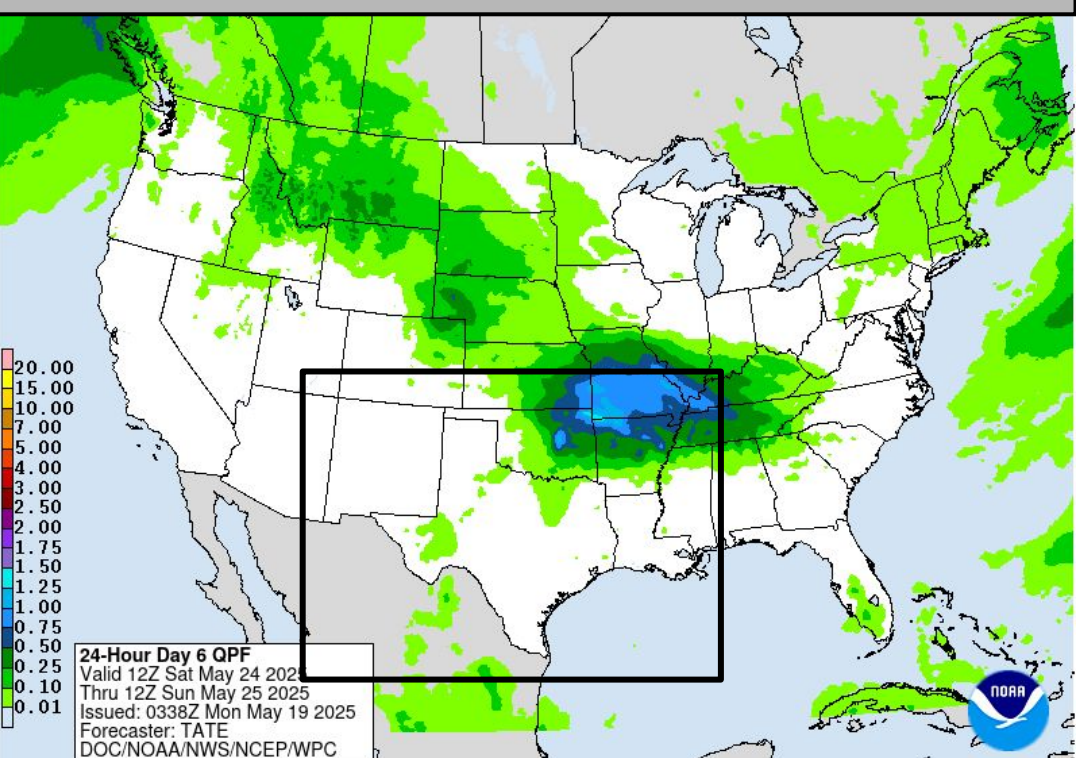


# Saturday's Weather

Forecast Chart

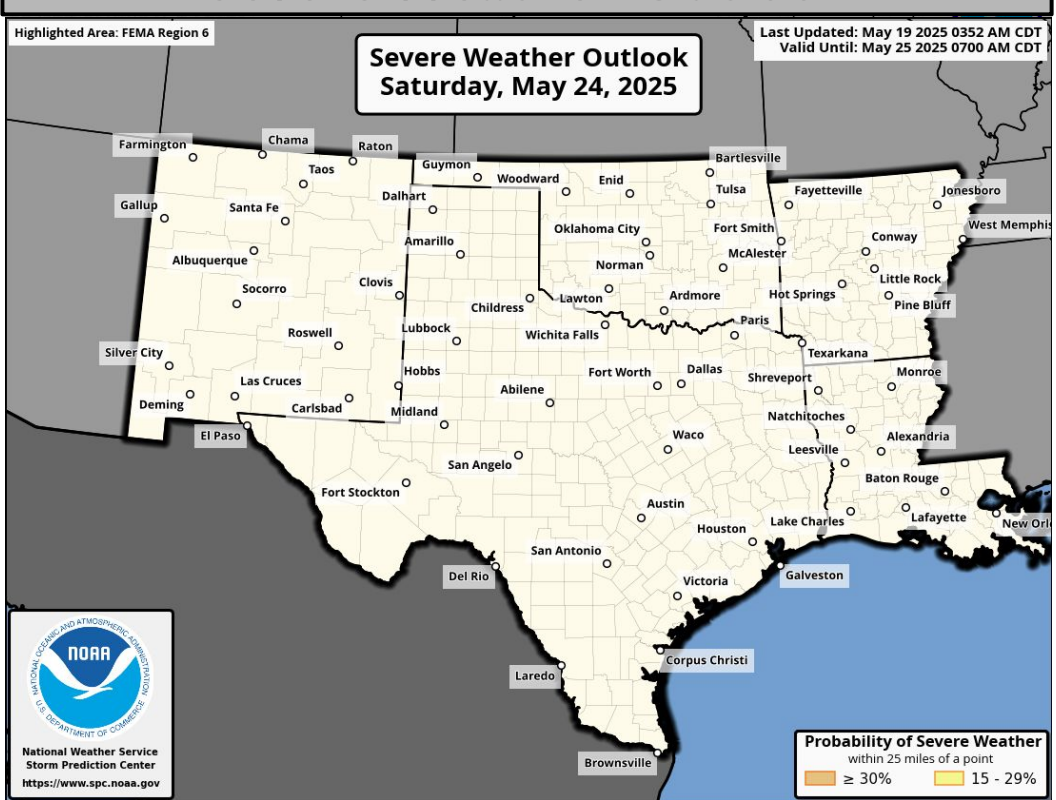


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



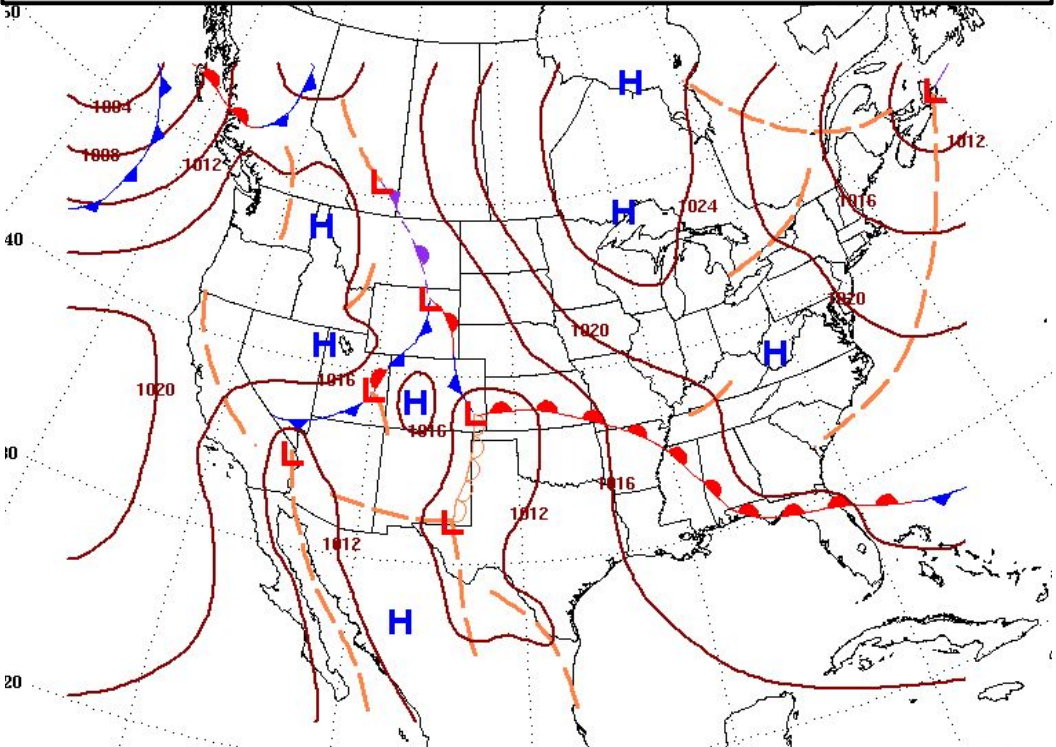
Excessive Rainfall Outlooks not available beyond Day 5



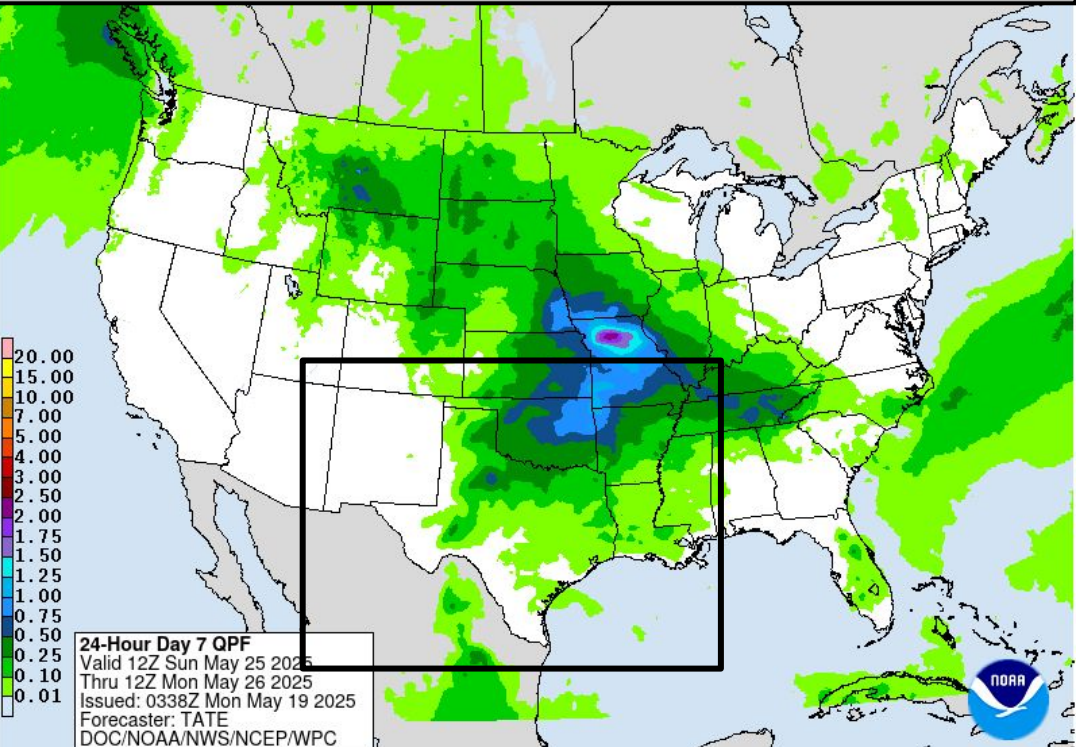


# Sunday's Weather

Forecast Chart

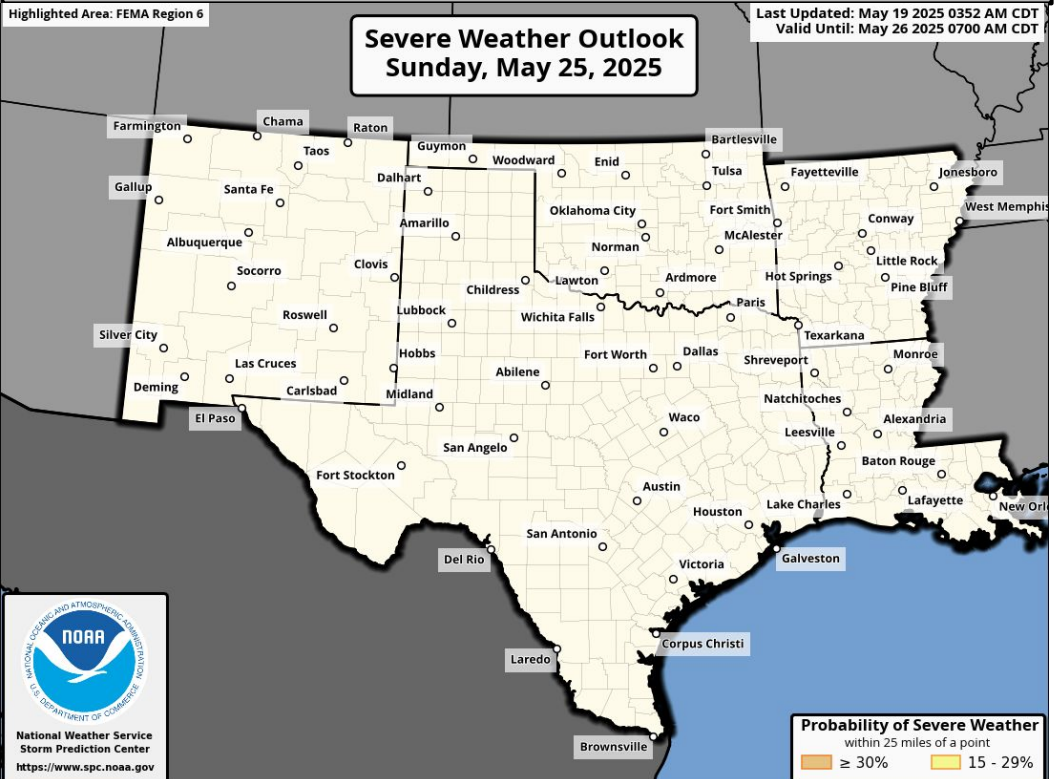


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlooks not available beyond Day 5



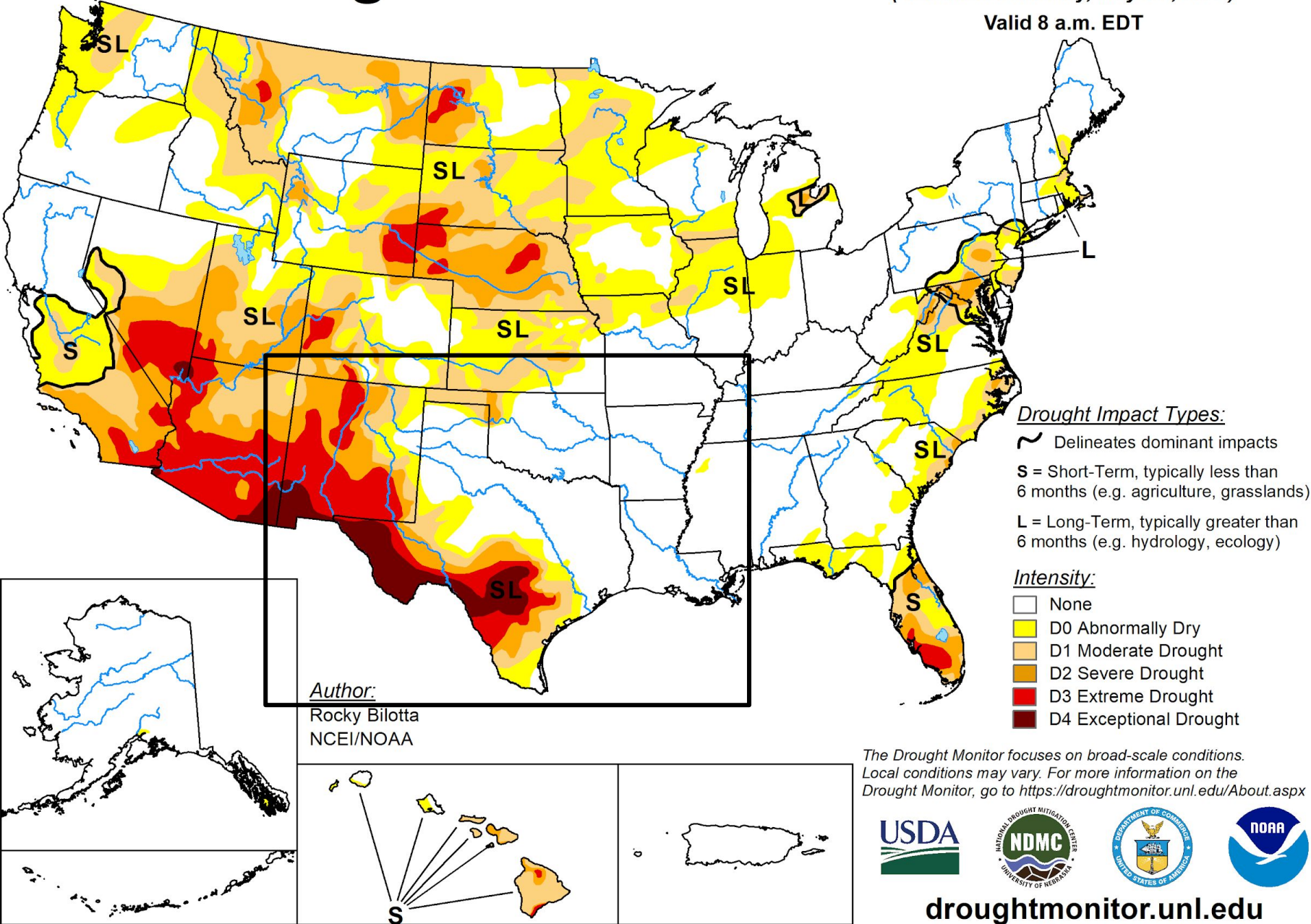




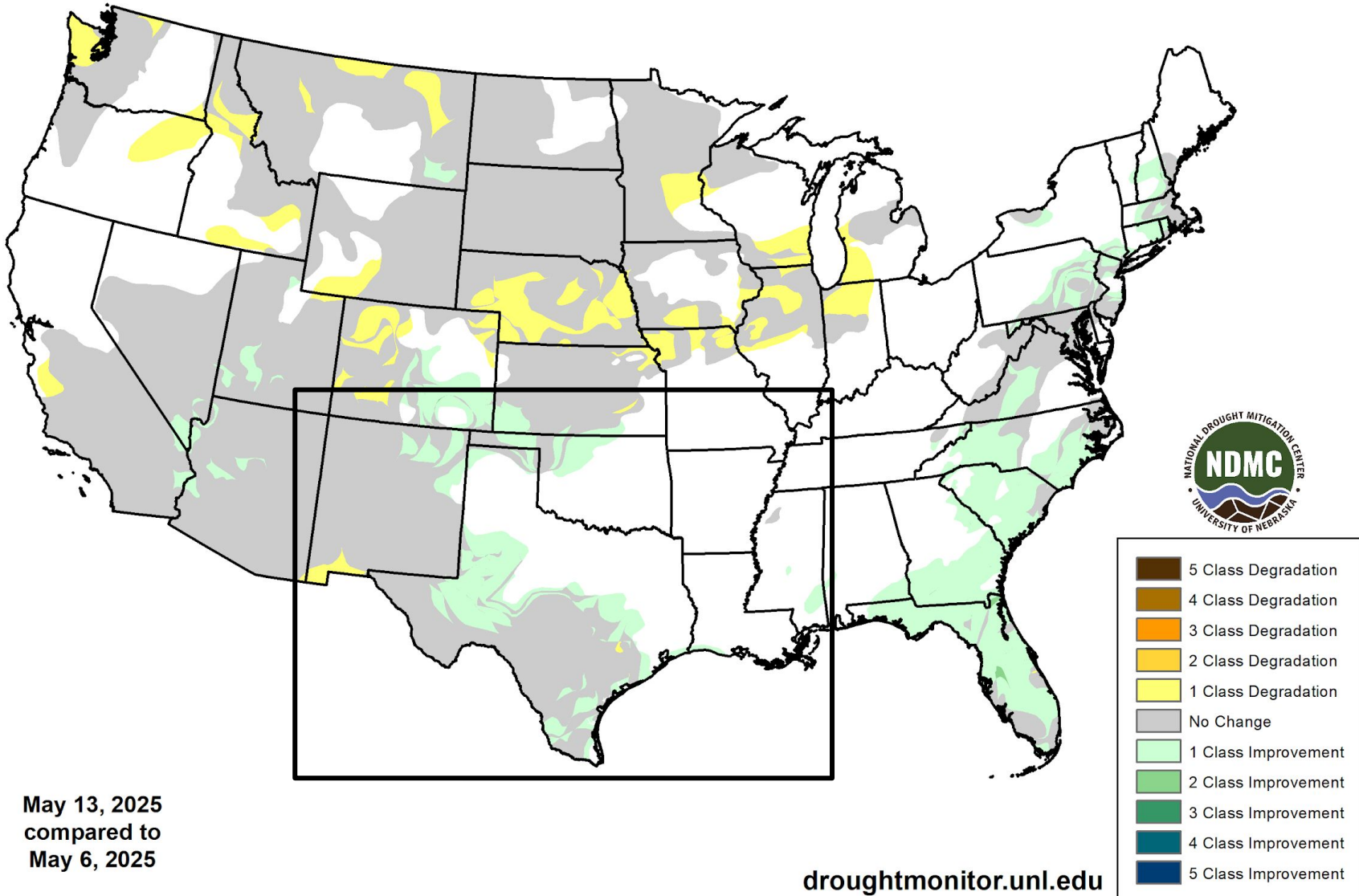
# Drought Monitor

## U.S. Drought Monitor

May 13, 2025  
(Released Thursday, May. 15, 2025)  
Valid 8 a.m. EDT



## U.S. Drought Monitor Class Change - CONUS 1 Week

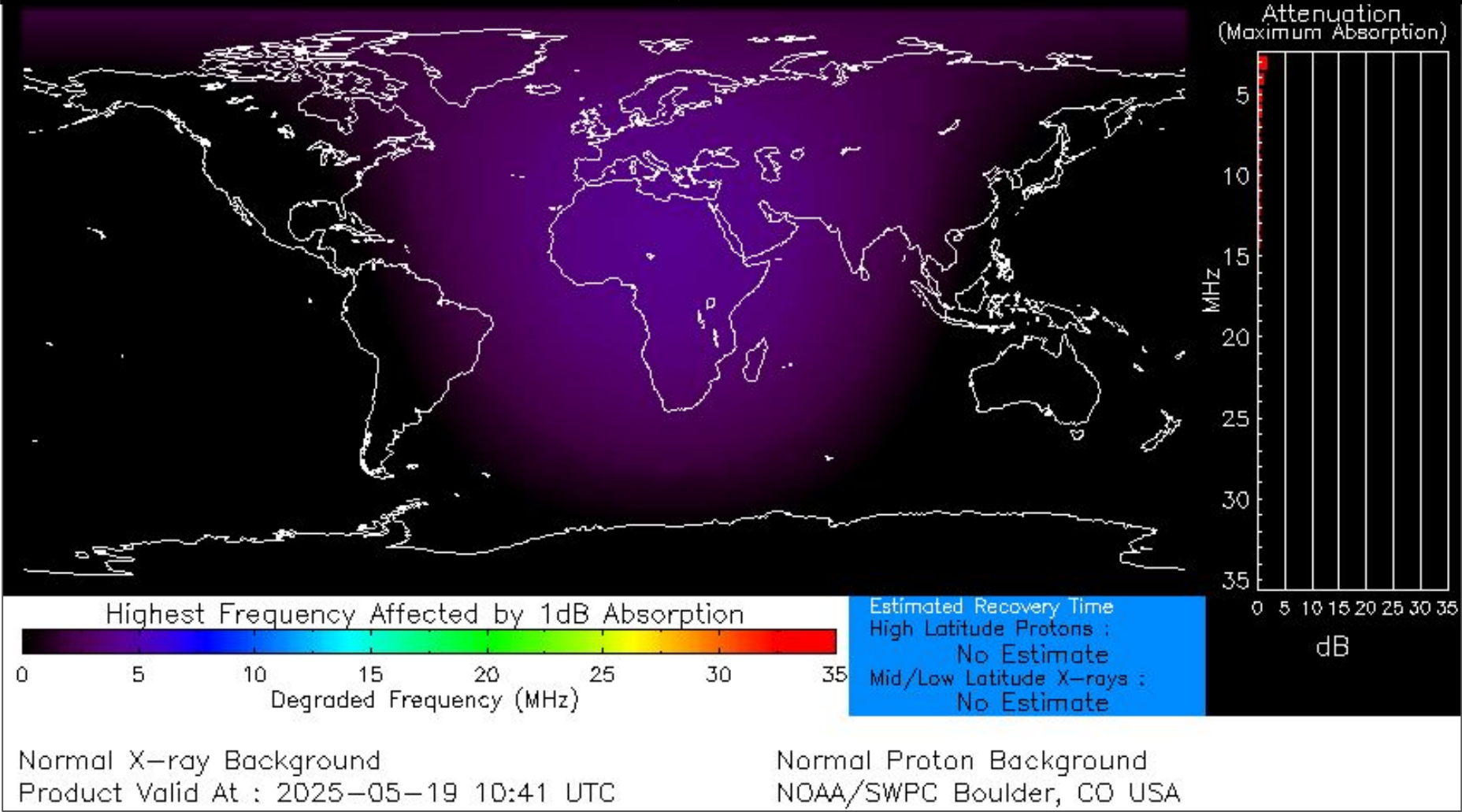






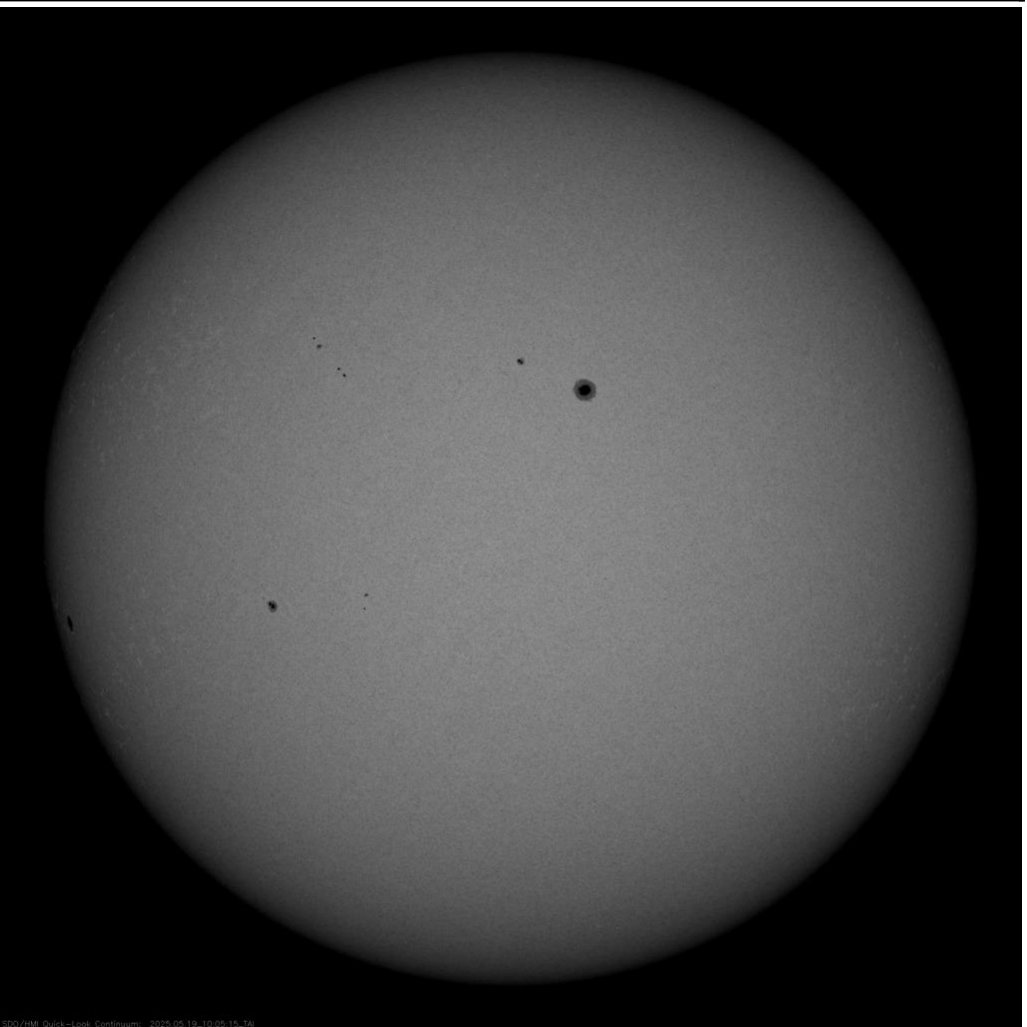
# Space Weather 3-Day Forecast

	Monday, May 19	Tuesday, May 20	Wednesday, May 21
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	25%	25%	25%
Radio Blackout (R3-R5)	5%	5%	5%



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)





Weather “Threat” Matrix for FEMA Region VI			
Color	Definition	Criteria	Example(s)
Green	<b>Little to None</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<b>Minor</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Moderate</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Major</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Extreme</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)





# National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



**E-mail:** [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)



**X:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)

